



PARTS BOOK

KM-1750

모터 직결형 고속 2분침 침송
자동사절 재봉기

Direct Drive, High Speed,
2-Needle, Needle Feed Machine
With an Automatic Thread Trimmer

KM-1790

모터 직결형 고속 2분침 침송 각봉
자동사절 재봉기

Direct Drive, High Speed,
2-Needle, Needle Feed Split
Needle Bar Lock Stitch Machine
With an Automatic Thread Trimmer

PME-091211

Information

A. Parts Book 구성

Structure of Part Book

① **A** Arm, Bed & Machine Body Mechanism
팔, 침대 및 의장품 관계

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Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty	Assembly No.
A-1	01-12841-03		Arm	어ーム	1	
A-2	01-10073-06		Bed	침대	1	
A-4	01-02120-00		Face Plate	면판	1	
A-5	01-02044-12H		Face Plate Gasket	면판 가스켓	1	
A-6	01-1174-4122		Screw(L)184*mm2	볼트	10	
A-7	01-11011-123D		Rubber Cap For Face Plate	면판 고무뚜껑	2	
A-9	01-00194-123D		Caution S/Screw	경고 스크류	1	
A-8	01-011973-00		Turn-up Lever Cover	날리기 PWA	1	
A-10	01-02020-00		Screw(S)184*mm2	볼트(S)184*mm2	1	
A-11	01-01746-00		Bed Cover(L)	침대 커버(좌)	1	
A-12	01-01441-123H		Bed Cover Gasket(L)	침대 커버 가스켓(좌)	1	
A-13	01-02643-123D		Screw(L)184*mm2	볼트(S)184*mm2	14	
A-13-1	45-0244-1002		Washer	와셔	2	
A-14	01-01750-00		Bed Cover(S)	침대 커버(우)	1	
A-15	01-01744-123H		Bed Cover Gasket(S)	침대 커버 가스켓(우)	1	
A-16	440211-100H		T/Tank Rubber Cap	고압 탱크 고무뚜껑	1	
A-17	01-0274-123D		Thread Guide with Three Poles	세극봉 삽입지(3)	15Set	
A-19	01-02101-123D		Thread Guide(L)	면판 삽입지(좌)	1	
A-20	01-02102-123D		Thread Guide(R)	면판 삽입지(우)	3	
A-21	01-01000-123D		Thread Guide(S)	면판 삽입지	1	
A-22	01-01643-00		Arm Thread Guide Assy	어ーム 삽입지 삽입지(조)	1	
A-23	11-01750-750D		Nut	너트	1	
A-24	01-02101-123H		Thread Guide(L)	면판 삽입지(좌)	1	
A-25	0102070-100H		Siscon Tank Assy	슬리콘 탱크 완제품(조)	15Set	
A-26	0102060-100H		Siscon Tank	슬리콘 탱크 완제품	1	
A-27	0102060-100H		Siscon Oil Window	슬리콘 유창	1	
A-28	0102400-100H		Siscon Part	슬리콘 완제품 부품	1	
A-29	01-13053-00		Part for Siscon Oil Supply	슬리콘 기름 공급 부품	1	
A-30	01-01642-00		Screw(L)184*mm2	볼트(S)	1	
A-32	04-02410-123D		Arm Upper Part Rubber Cap	어ーム 상부 고무 뚜껑	2	
A-33	04-02101-123H		Needle Bar Rubber Cap	바늘봉 고무 뚜껑	1	
A-34	01-04210-142L		Rubber Cap(L)	고무뚜껑(좌)	4	
A-35	44-02110-740D		Rubber Cap(S)	고무뚜껑(우)	7	
A-36	01-01750-123H		Bed Rubber	침대 고무	1	
A-37	01-019817-00		Welder (Sticker)(H)	인쇄 스티커-하부용	1	
A-38	01-019818-00		M Welder (Sticker)(M)	인쇄 스티커-중부용	1	
A-39	01-019819-00		L Welder (Sticker)(L)	인쇄 스티커-상부용	1	
A-40	01-019820-00		K Welder (Sticker)(K)	인쇄 스티커-비행용	1	
A-41	01-02110-123D		Tap Cover	타프 커버	2	
A-42	01-02114-123H		Tap Cover	타프 커버	1	
A-43	41-0114-123H		Siscon Winder Assy	슬리콘(조)	15Set	
A-44	41-02010-123H		Siscon Winder (Base Assy)	슬리콘 완제품(조)	1	
A-45	41-0205A-123H		Siscon Winder (Shaft)	슬리콘 구동축	1	
A-46	01-02060-00	S. Color	Sticker(S)	인쇄 스티커-비행용	1	
A-47	01-02070-750D		Screw(S)	볼트(S)	1	
A-48	41-02060-123H		Siscon Winder	슬리콘 완제품	1	
A-49	01-0104-550T		Screw(L)184*mm2	볼트(S)	2	
A-50	41-02060-123H		Siscon Winder Action Ring	슬리콘 작동링	1	
A-51	41-02060-123H		Siscon Winder Shaft Rubber Ring	슬리콘 구동축 고무링	1	
A-52	41-02100-123H		Siscon Winder Lever	슬리콘 PWA	1	
A-53	41-02110-123H		Siscon Winder Adjusting Plate	슬리콘 조정판	1	
A-54	01-01100-123D		Screw(L)184*mm2	볼트(S)184*mm2	1	
A-55	01-01194-123D		Washer	와셔	1	
A-56	41-02110-123H		Siscon Winder Lower Shaft	슬리콘 하부 축	1	
A-57	41-02140-123H		Siscon Winder Adjusting Term	슬리콘 조정판	1	
A-58	01021500-4113		Screw(M)184*mm2	볼트(S)	1	

Note: P=Heavy Material(중량재), M=Medium Material(중량재), M=Medium Material(중량재), M=Medium Material(중량재)
L=Light Material(저중량재), K=Roll Material(롤재), EL=Large Shuttle Piece(대 셔틀 폭재)

①:관계 별 고유 코드

Unique code by mechanism

②:관계 별 고유 명칭

Unique name by mechanism

③:관계도

Explode view

④Ref.No.:파트별 고유 식별 번호

Unique identification number by part

⑤Parts No.:고유 제품 코드

Unique Product code

Ex)

구분 Category	Code	비고 remarks
구 부품 Old part	01-030C-1230	
신 부품 New Part	AS-000000-00	조(組) 파트 Set parts
	GP-000000-00	기구적 파트 Instrumental parts
	EP-000000-00	전기적 파트 Electrical parts

⑥Note:공지사항 표기 및 메모

Refers to notice and memo

⑦품명

명:파트의 고유 품명

Name of Part:Unique name of parts

⑧Q'ty :파트의 수량

The number of parts

⑨Assembly no.:조(組) 파트의 식별 번호

Unique identification number by set part

Warning

1. 조에 속한 파트는 개별 조립 시 제품의 파손 또는 재봉 불량 발생될 수 있어 해당 파트에 대한 주문 시에는 조 품목으로만 구입이 가능합니다.
2. 본 책자는 Parts Book으로 제작되었으므로 매뉴얼로 사용 불가합니다.
3. 사전 예고 없이 사양이 변경 될 수도 있습니다.

1. The parts classified as ass'y items may cause damage to the machine or bad sewing when they are separately assembled. Hence, when they are ordered, they can be purchased as ass'y items only.
2. This is a parts book. It cannot be used as a manual.
3. Parts are Subject to change in Design Without Prior Notice.

KM-175 -

Code		Lubrication type		Code	Application	Code	Hook	Code	Trimming
0	S	Semi-Dry Type	Dry Head	F	Foundation	None	Standard Hook	None	None-Trimming
	M	Micro Lubrication Type		G	General materials	L	Large Hook	7	Trimming
1	Auto Lubrication Type			B	Heavy materials				

KM-179 -

Code		Lubrication type		Code	Application	Code	Hook	Code	Trimming
0	M	Micro Lubrication Type	Dry Head	G	General materials	None	Standard Hook	None	None-Trimming
1	Auto Lubrication Type			B	Heavy materials	L	Large Hook	7	Trimming

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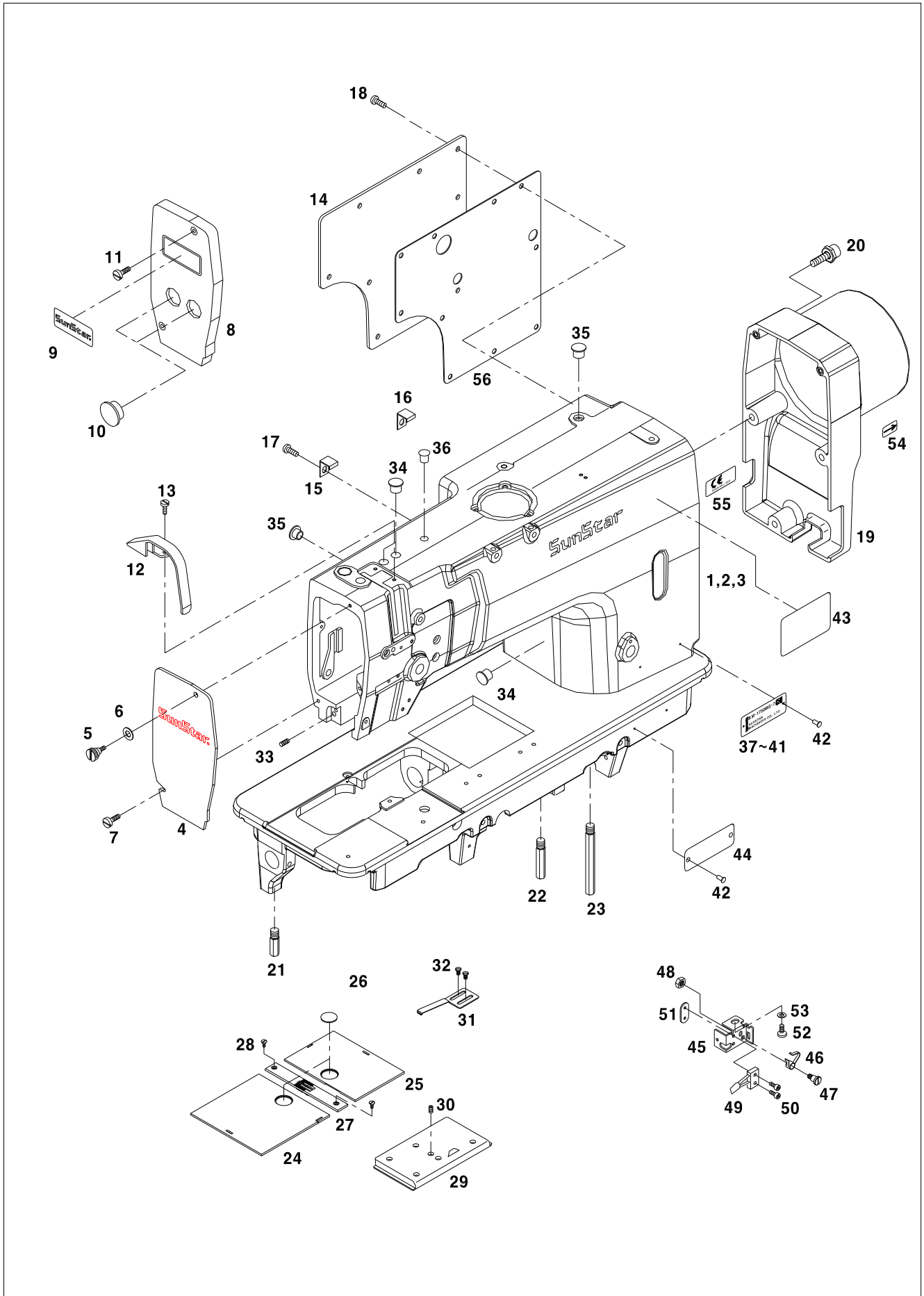
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A

Machine Body Mechanism

외장 관계



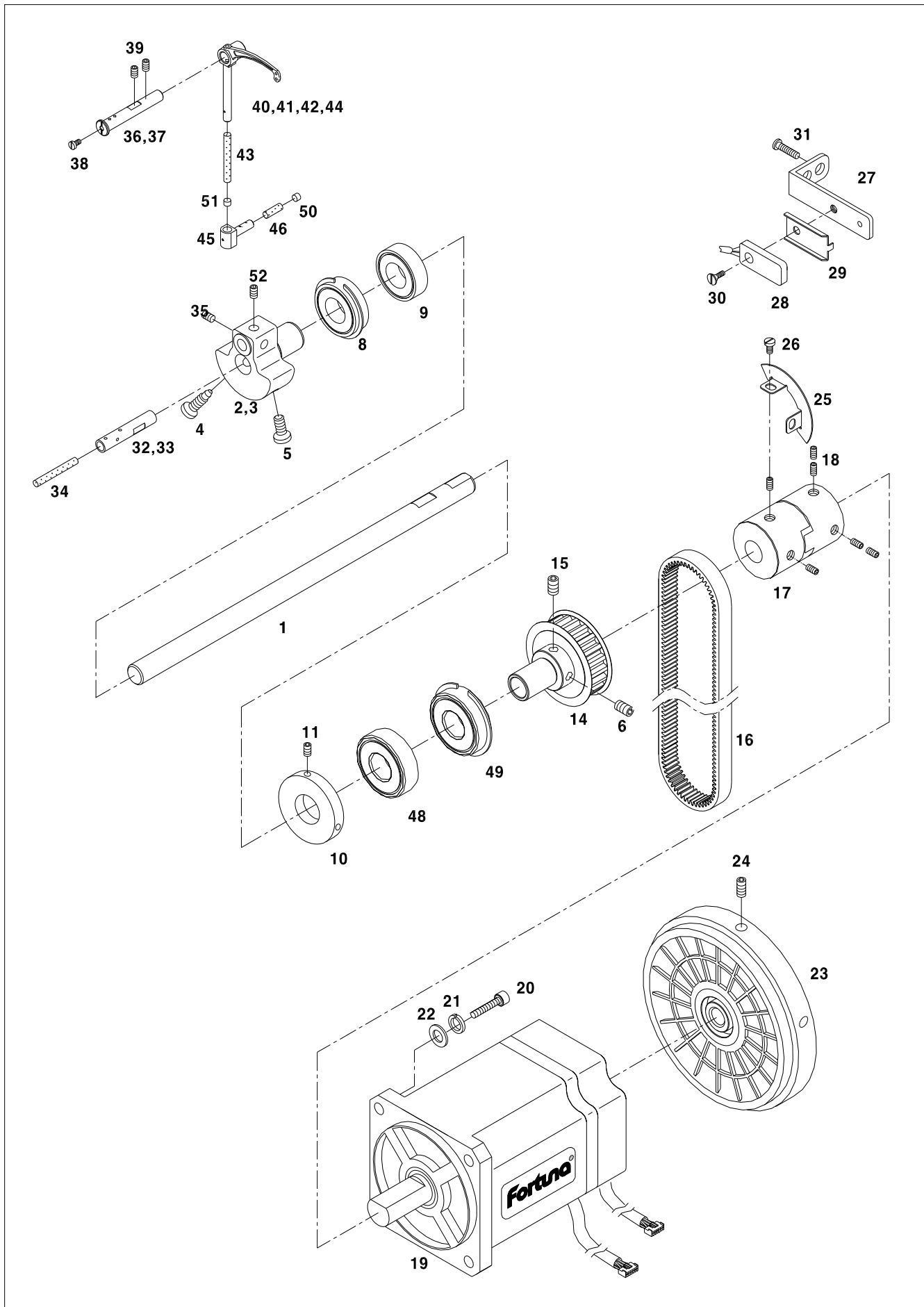


Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
A-1	AS-004123-00		Arm&Bed	아암 베드(조)	1					
A-2	AS-003717-00		Arm&Bed	아암 베드(조)		1	1			
A-3	AS-004124-00		Arm&Bed	아암 베드(조)				1	1	
A-4	01-006A-7500		Face Plate	면판	1	1	1			
A-5	01-007S-7500		Stud Screw (Upper)	면판 첩나사(상)	1	1	1			
A-6	01-007W-7400		Washer (Upper)	면판 와셔	1	1	1			
A-7	01-009S-7500		Stud Screw (Lower)	면판 첩나사(하)	1	1	1			
A-8	01-006A-7900		Face Plate	면판(각봉)				1	1	
A-9	01-029M-1230		Brand Mark	면판 마크				1	1	
A-10	01-008R-3400		Rubber Cap for Face Plate	면판 급유 마개				2	2	
A-11	SC-0158-3710		Screw [9/64" n=40]	면판 첩나사				2	2	
A-12	GP-013234-00		Thread Take-up Lever Cover	실채기 커버	1	1	1	1	1	
A-13	SC-0502-2302		Screw [9/64" n=40]	실채기 커버 첩나사	2	2	2	2	2	
A-14	GP-011009-01		Rear Cover	뒷뚜껑	1	1	1	1	1	
A-15	01-011C-2350		Cable Holder (5N)	케이블 잡이 (5N)	3	3	3			
A-16	01-009R-2700		Cable Holder (6N)	케이블 잡이 (6N)				3	3	
A-17	SC-0531-2302		Screw [9/64" n=40]	케이블잡이 첩나사	1	1	1	1	1	
A-18	SC-0548-7400		Screw [3/16" n=28, L=11]	뒷뚜껑 첩나사	8	8	8	8	8	
A-19	GP-011055-01		Motor Cover	모터 커버	1	1	1	1	1	
A-20	SC-0109-2350		Screw [M6, L=14]	모터 커버 첩나사	3	3	3	3	3	
A-21	01-171A-5700		Bed Supporter	베드 받침	3	3	3	3	3	
A-22	GP-014556-00		Bed Supporter-B	베드 받침-B	1	1	1	1	1	
A-23	GP-011558-01		Bed Supporter-A	베드 받침-A	1	1	1	1	1	
A-24	01-044A-7500		Slide Plate (Left)	미끄럼판(좌)	1	1	1	1	1	
A-25	01-045A-7500		Slide Plate (Right)	미끄럼판(우)	1	1	1	1	1	
A-26	01-048A-7500		Bobbin Window	미끄럼판 보빈창	2	2	2	2	2	
A-27	01-40TA-7507		Needle Plate (1/4")	침판 (1/4")	1	1	1	1	1	
A-28	SC-0119-7600		Screw [11/64" n=40]	침판 첩나사	2	2	2	2	2	
A-29	01-042A-7500		Slide Plate (Front) Ass'y	미끄럼판(전) 조	1	1	1	1	1	
A-30	SC-0110-1230		Screw [15/64" n=28]	첩나사	1	1	1	1	1	
A-31	01-046A-7500		Stopper for Slide Plate(Right)	미끄럼판(우) 스토퍼	1	1	1	1	1	
A-32	SC-0543-2302		Screw [11/64" n=40]	미끄럼판(우) 스토퍼 첩나사	2	2	2	2	2	
A-33	10-017S-8577		Screw [M5, L=5]	면판 그리스 주입 마개나사	1	1	1	1	1	
A-34	44-021R-7400		Rubber Cap (φ10)	암 고무마개 (φ10)	3	3	3	3	3	
A-35	01-110R-1230		Rubber Cap (φ12)	암 고무마개 (φ12)	2	2	2	2	2	
A-36	01-037R-1230		Rubber Cap (φ6)	암 고무마개 (φ6)	1	1	1	1	1	
A-37	GP-011752-00		Model Mark (KM-1750SF-7)	모델 마크 (KM-1750SF-7)	1					
A-38	GP-011759-00		Model Mark (KM-1750MG-7)	모델 마크 (KM-1750MG-7)		1				
A-39	GP-013570-00		Model Mark (KM-1750MBL-7)	모델 마크 (KM-1750MBL-7)			1			
A-40	GP-013571-00		Model Mark (KM-1790MG-7)	모델 마크 (KM-1790MG-7)				1		
A-41	GP-013572-00		Model Mark (KM-1790MBL-7)	모델 마크 (KM-1790MBL-7)					1	
A-42	01-035P-7400		Pin	기번판 핀	4	4	4	4	4	
A-43			Caution Label	주의 라벨	1	1	1	1	1	
A-44	01-035P-1370		Machine Number Plate	기번판	1	1	1	1	1	
A-45	GP-012567-00		Safety Switch Base	안전 스위치 베이스	1	1	1	1	1	
A-46	GP-012566-02		Safety Switch Plate	안전 스위치판	1	1	1	1	1	
A-47	SC-000435-00		Safety Switch Hinge Screw	안전 스위치 단나사	1	1	1	1	1	
A-48	SN-0101-1600		Nut [11/64" n=40]	너트	1	1	1	1	1	
A-49	GP-020183-00		Safety Switch	안전 스위치	1	1	1	1	1	
A-50	SC-000174-00		Screw [M2, L=12]	안전 스위치 첩나사	2	2	2	2	2	
A-51	GP-000784-00		Safety Switch Sub Bracket	안전 스위치 보조 브라켓	1	1	1	1	1	
A-52	SC-0122-1230		Screw [15/64" n=28]	안전 스위치 베이스 첩나사	1	1	1	1	1	
A-53	01-020W-2350		Washer	와셔	1	1	1	1	1	
A-54	GP-017452-00		Sticker	스티커	1	1	1	1	1	
A-55	GP-018205-00		CE Mark	CE마크	1	1	1	1	1	
A-56	GP-021167-00		Rear Cover Gasket	뒷뚜껑 가스켓	1	1	1	1	1	

B

Upper Shaft Mechanism

상축 관계



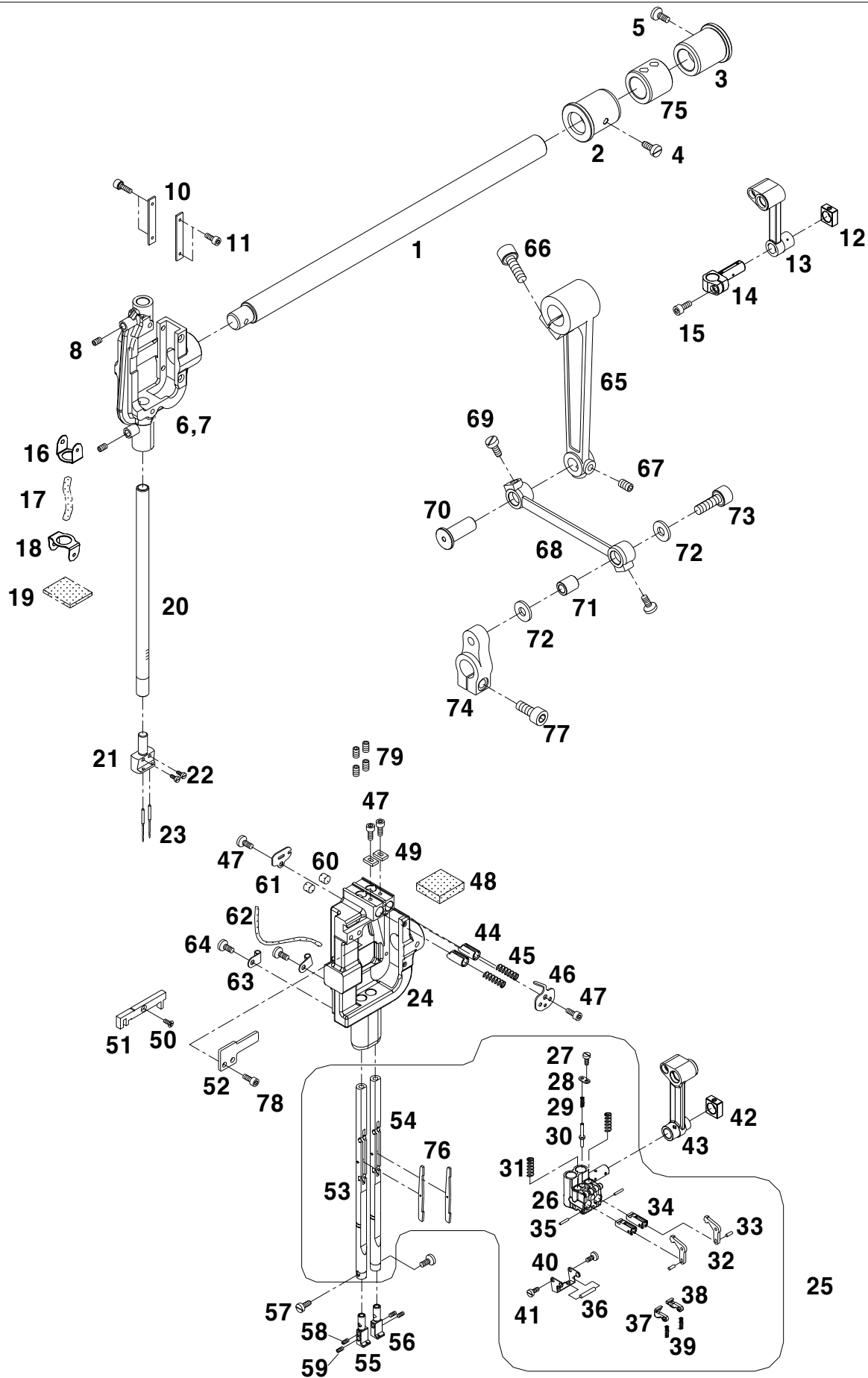


Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
B-1	GP-009839-00		Upper Shaft	상축	1	1	1	1	1	
B-2	GP-009840-01		Link Cam	링크캠	1	1	1			
B-3	GP-013395-02		Link Cam	링크캠(각봉)				1	1	
B-4	SC-0123-1230		Screw (A) [9/32" n=28, L=16]	링크캠 고정나사 (A)	1	1	1	1	1	
B-5	SC-0124-7400		Screw (B) [9/32" n=28, L=16]	링크캠 고정나사 (B)	1	1	1	1	1	
B-6	SC-A308-4517		Screw [1/4" n=40, L=6]	고정 나사	1	1	1	1	1	
B-8	07-011A-5607		베어링(6004ZZNR)	상축 전 베어링(6004ZZNR)	1	1	1	1	1	
B-9	02-004A-2070		베어링(6004ZZ)	상축 전 베어링(6004ZZ)	1	1	1	1	1	
B-10	GP-006302-00		Bobbin Winder Driving Wheel	실감기 구동 휠	1	1	1	1	1	
B-11	10-017S-8577		Screw [M5, L=8]	실감기 구동 휠 고정나사	2	2	2	2	2	
B-14	GP-008680-01		Upper Shaft Timing Pulley [5GT,Z=37]	상축 타이밍폴리	1	1	1	1	1	
B-15	SC-A117-4417		Screw [1/4" n=40, L=6]	폴리 고정 나사	1	1	1	1	1	
B-16	BE-000036-00		Timing Belt(670-5GT-15)	타이밍벨트(670-5GT-15)	1	1	1	1	1	
B-17	GP-001499-00		Coupling	커플링	1	1	1	1	1	
B-18	08037SC-120D		Screw [M6, L=8]	커플링 고정나사	6	6	6	6	6	
B-19	SFAM-550-002		Motor-Hollow (550W)	모터-양축 (550W)	1	1	1	1	1	
B-20	02-020S-120D		Screw [M5, L=25]	모터첼나사	4	4	4	4	4	
B-21	07-011W-1230		Spring Washer	모터고정나사 스프링와셔	4	4	4	4	4	
B-22	10-020W-2700		Washer	모터고정나사 와셔	4	4	4	4	4	
B-23	AS-000255-01		Pulley	폴리	1	1	1	1	1	
B-24	SC-0317-2700		Screw [15/64" n=28, L=7.5]	폴리 고정나사	2	2	2	2	2	
B-25	GP-000835-02		Sync. Sensor Slit	센서 감지판	1	1	1	1	1	
B-26	SC-000078-00		Screw [M6]	센서 감지판 첼나사	2	2	2	2	2	
B-27	GP-000836-00		Sync. Sensor Base	센서 베이스	1	1	1	1	1	
B-28	46-002A-2300		Sync. Sensor	센서	1	1	1	1	1	
B-29	15-028C-2070		Sensor Bracket	센서 브라켓	1	1	1	1	1	
B-30	03010MC-4135		Screw [M3, L=10]	센서 첼나사	1	1	1	1	1	Ass'y
B-31	SC-0548-7400		Screw [3/16" n=28]	센서 베이스 첼나사	2	2	2	2	2	
B-32	PN-000277-01		Needle Bar Crank Shaft	바늘대 크랭크 축	1	1	1			
B-33	PN-000243-03		Needle Bar Crank Shaft	바늘대 크랭크 축(각봉)				1	1	
B-34	44-0000-1230		Oil Wick	바늘대 크랭크 축 유심	1	1	1	1	1	
B-35	SC-A308-4517		Screw [1/4" n=40, L=6]	바늘대 크랭크 축 고정 나사	2	2	2	2	2	
B-36	08-105P-7900		Thread Take-up Shaft	실채기축		1	1	1	1	
B-37	GP-011830-00		Thread Take-up Shaft (Semi-Dry)	실채기축-세미드라이	1					
B-38	SC-0120-1230		Screw [9/64" n=40]	그리스 마감나사	1					
B-39	SC-0514-7400		Screw [15/64" n=40]	실채기 축 고정나사	2	2	2	2	2	
B-40	GP-011835-00		Thread Take-up Lever(1)	실채기(각인1)		1		1		
B-41	GP-011837-00		Thread Take-up Lever(2)	실채기(각인2)			1			
B-42	GP-020880-01		Thread Take-up Lever(5)	실채기(각인5)					1	
B-43	44-0000-1230		Oil Wick	실채기 유심		1	1	1	1	
B-44	GP-010615-00		Thread Take-up Lever(1)	실채기-세미드라이(각인1)	1					
B-45	GP-020419-00		Thread Take-up Lever Holder	실채기잡이	1	1	1	1	1	
B-46	06-033M-7400		Oil Felt	실채기잡이 펠트	1	1	1	1	1	
B-48	BR-000106-00		Bearing	상축 중 베어링	1	1	1	1	1	
B-49	BR-000107-00		Bearing	상축 중 베어링	1	1	1	1	1	
B-50	GP-001393-00		Cap of Thread Take-up Lever Holder	실채기잡이 마감	1	1	1	1	1	
B-51	44-018R-7500		Cap of Thread Take-up Lever	실채기 마감	1	1	1	1	1	
B-52	SC-A550-4517		Screw	고정나사	1	1	1	1	1	

C

Needle Bar Rocking Mechanism

바늘대 요동 관계



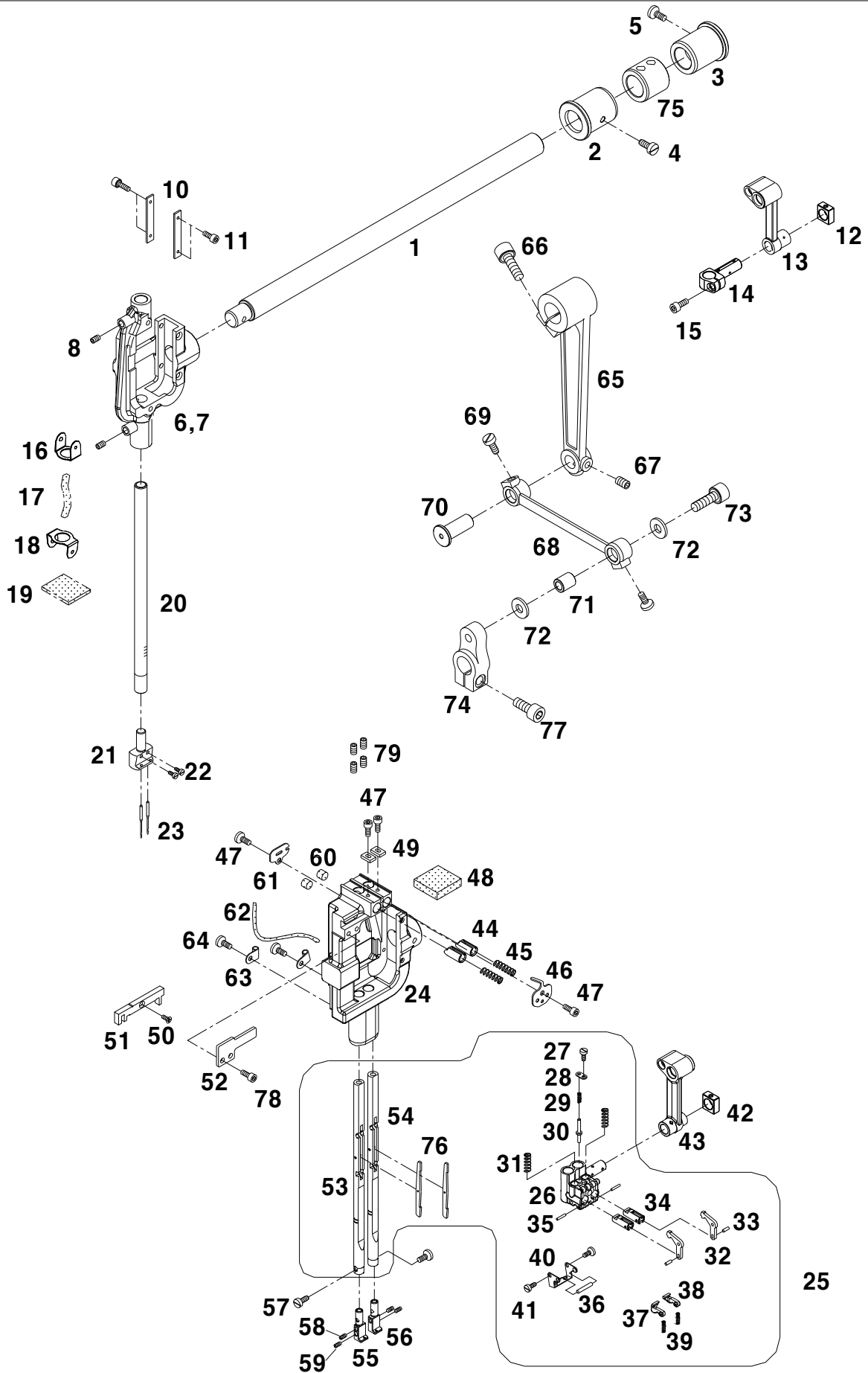


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
C-1	GP-009844-00		Needle Bar Rock Shaft	요동축	1	1	1	1	1	
C-2	GP-009842-00		Needle Bar Rock Shaft Bushing(Front)	요동축 전 붓싱	1	1	1	1	1	
C-3	GP-009843-01		Needle Bar Rock Shaft Bushing(Rear)	요동축 후 붓싱	1	1	1	1	1	
C-4	SC-0548-7400		Screw [3/16" n=28, L=11]	그리스 마개나사	1	1	1	1	1	
C-5	SC-0151-5050		Screw [15/64" n=28, L=10.5]	그리스 마개나사	1	1	1	1	1	
C-6	GP-010647-01		Needle Bar Frame	바늘대 프레임		1	1			
C-7	GP-011063-01		Needle Bar Frame (Semi-Dry)	바늘대 프레임-세미드라이	1					
C-8	SC-0164-2700		Screw [M5, L=5]	그리스 주입 마개나사	2					
C-10	04-107A-7400		Needle Bar Guide Plate	보강판(C)	2	2	2	2	2	
C-11	SC-0116-7400		Screw [3/32" n=56]	안내판 고정나사	4	4	4	4	4	
C-12	04-105A-7400		Needle Bar Guide Slide Block	바늘대 안내블럭	1	1	1			
C-13	04-104A-7400		Needle Bar Crank	바늘대 크랭크	1	1	1			
C-14	04-102A-7400		Needle Bar Clamp	바늘대 잡이	1	1	1			
C-15	SC-0158-3710		Screw [9/64" n=40]	바늘대 잡이 찰나사	1	1	1			
C-16	04-012C-7400		Needle Bar Wick Holder(Upper)	요동축 유심잡이(上)		1	1			
C-17	44-0000-1230		Oil Wick	오일 십지		1	1			
C-18	04-013C-7400		Needle Bar Wick Holder(Lower)	요동축 유심잡이(下)		1	1			
C-19	44-107M-7900		Felt For Needle Bar Frame	바늘대 급유펠트(A)		1	1			
C-20	GP-010614-00		Needle Bar	바늘대	1	1	1			
C-21	02-021A-7400		Needle Clamp 1/4	침지 1/4	1	1	1			(조)
C-22	SC-0160-5607		Screw [9/64" n=40]	바늘 고정나사	2	2	2			
C-23			Needle	바늘	2	2	2			
C-24	GP-013449-03		Needle Bar Frame	바늘대 프레임				1	1	
C-25	04-010A-7900		Needle Bar Clamp Ass'y	바늘대 잡이(組)				1	1	
C-26	04-016A-7900		Needle Bar Clamp	바늘대 잡이(K4189)				1	1	
C-27	04-021S-7900		Screw For Cover	바늘대 복귀 핀 커버 찰나사				1	1	
C-28	04-024A-7900		Cover For Releasing Pin	바늘대 복귀 핀 커버				1	1	
C-29	04-030G-7900		Release Pin Return Spring	바늘대 복귀 핀 리턴 스프링				1	1	
C-30	04-025P-7900		Needle Bar Releasing Pin	바늘대 복귀 핀				1	1	
C-31	04-031G-7900		Clutch Lever Return Spring	바늘대 클러치 레버 복귀 스프링				2	2	
C-32	GP-020645-00		Clutch Lever	클러치 레버(K4193)				2	2	(조)
C-33	04-026P-7900		Hinge Pin "A" For Clutch Lever	클러치 레버 힌지핀 A(2×15.8)				1	1	
C-34	04-033P-7900		Needle Bar Down Positioning Pin	바늘대 하 고정핀				2	2	
C-35	04-028P-7900		Hinge Pin "B" For Clutch Lever	클러치 레버 힌지핀 B(1.5×5.8)				2	2	
C-36	04-029P-7900		Hinge Pin For Latchet	래치트 힌지핀(2×17.8)				1	1	
C-37	04-018A-7900		Latchet(Left)	래치트(左) K4194				1	1	
C-38	04-019A-7900		Latchet(Right)	래치트(右) K4195				1	1	
C-39	04-032G-7900		Latchet Return Spring	바늘대 래치트 복귀 스프링				2	2	
C-40	04-023A-7900		Latchet Bracket	래치트 브라켓				1	1	
C-41	04-022S-7900		Screw For Latchet Bracket	래치트 브라켓 찰나사				2	2	
C-42	15-117A-7900		Needle Bar Guide Slide Block	바늘대 안내 블럭				1	1	
C-43	04-105A-7900		Needle Bar Crank	바늘대 크랭크				1	1	
C-44	PN-000355-00		Needle Bar Up Positioning Pin	바늘대 상 고정핀				2	2	
C-45	15-022G-7900		Spring For Needle Bar Up Positioning Pin	바늘대 상 고정핀 스프링				2	2	
C-46	15-123C-7900		Spring Cover	상 고정핀 스프링 커버				1	1	
C-47	SC-0323-7900		Screw [1/8" n=40]	찰나사				3	3	
C-48	44-107M-7900		Needle Bar Felt(A)	바늘대 급유 펠트(A)				1	1	
C-49	15-325A-7900		Needle Bar Rotate Stopper Block	바늘대 회전 방지 블럭				2	2	
C-50	PN-000355-00		Stopper Pin For Slide Block	슬라이드 블럭 스톱퍼 핀				1	1	
C-51	15-020A-7900		Slide Block	슬라이드 블럭				1	1	
C-52	15-118A-7900		Slide Block Cover	슬라이드 블럭 커버				1	1	
C-53	GP-013387-00		Needle Bar(Left)	바늘대-좌				1	1	
C-54	GP-013386-00		Needle Bar(Right)	바늘대-우				1	1	
C-55	04-111LB-7900		Needle Clamp(Left)	침지 1/4(左)				1	1	
C-56	04-111RB-7900		Needle Clamp(Right)	침지 1/4(右)				1	1	
C-57	SC-A297-4118		Screw [1/8" n=40]	홈볼이 냄비 작은나사(1/8" n=40)				2	2	

C

Needle Bar Lifting Mechanism

바늘대 요동 관계



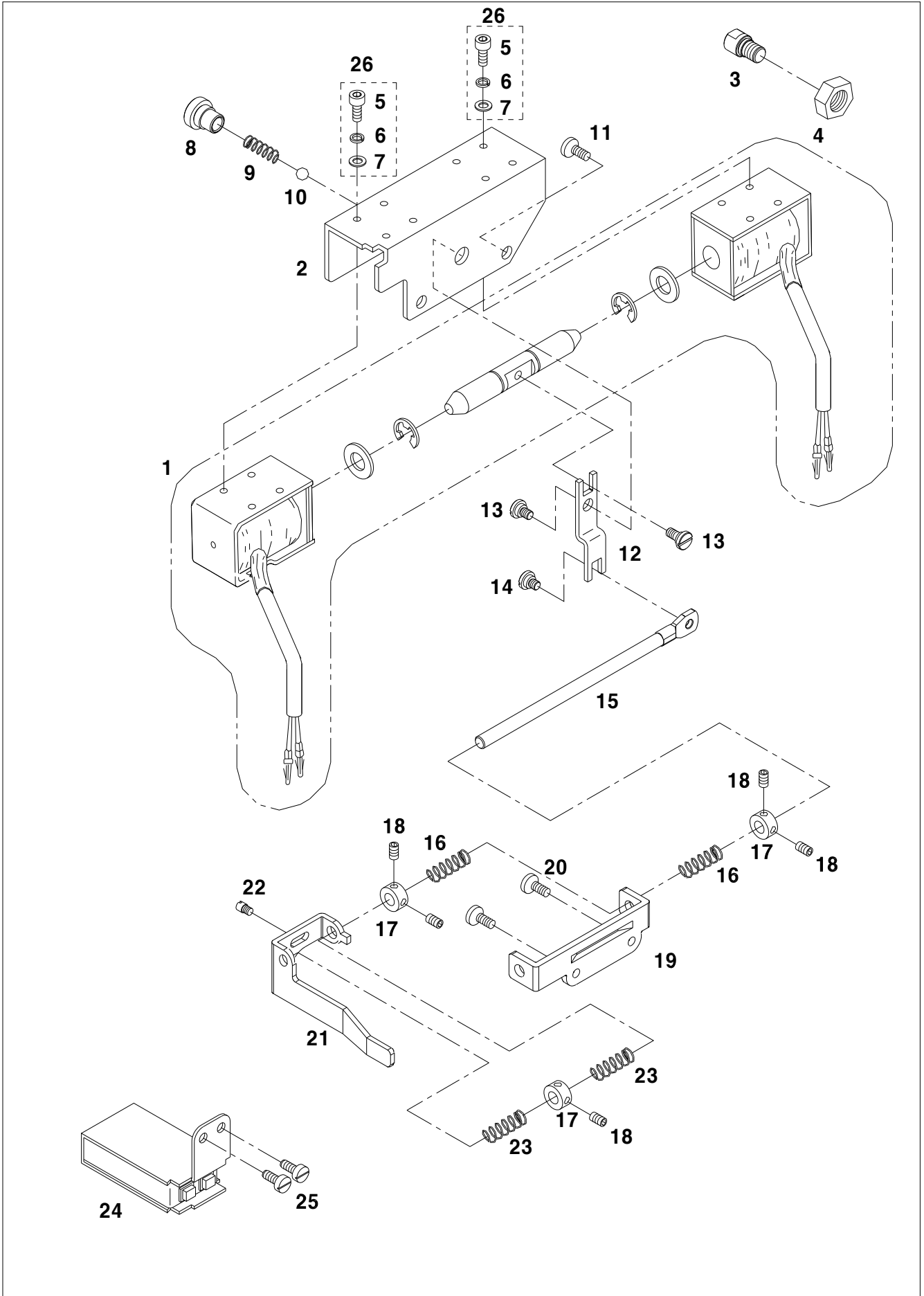


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
C-58	SC-A320-4222		Screw [1/8" n=40]	훤볼이 납작 작은나사(1/8" n=40)				2	2	
C-59	SC-A350-4515		Screw [1/8" n=40]	훤볼이 멈춤나사(1/8" n=40)				2	2	
C-60	44-108M-7900		Needle Bar Felt(B)	바늘대 급유 펠트(B)				2	2	
C-61	44-109C-7900		Oil Wick Holder	바늘대 급유 펠트잡이				1	1	
C-62	44-0000-1230		Oil Wick	오일 심지				1	1	
C-63	04-121C-7400		Wick Support(Needle Bar Frame)	유심 잡이				2	2	
C-64	SC-0531-2302		Screw [9/64" n=40]	유심 잡이 고정나사				2	2	
C-65	GP-010178-00		Needle Bar Rock Shaft Connecting Rod	요동축 연결로드	1	1	1	1	1	
C-66	04-020S-7400		Screw [1/4" n=24, L=24]	요동축 연결로드 침나사	1	1	1	1	1	
C-67	SC-A308-4517		Screw [1/4" n=40, L=6]	고정 나사	2	2	2	2	2	
C-68	GP-010179-01		Needle Bar Rock Link	바늘대 요동링크	1	1	1	1	1	
C-69	SC-000473-00		Screw [15/64" n=28, L=7.5]	그리스 마개나사	2	2	2	2	2	
C-70	GP-011324-01		Shaft for Needle Bar Rock Link	바늘대 요동 링크 축	1	1	1	1	1	
C-71	GP-011839-01		Bushing for Needle Bar Rock Link	바늘대 요동 링크 부싱	1	1	1	1	1	
C-72	WS-000117-00		Washer for Needle Bar Rock Link	바늘대 요동 링크 와셔	2	2	2	2	2	
C-73	06025MC-7113		Screw [M6]	바늘대 요동 링크 고정나사	1	1	1	1	1	
C-74	GP-010162-00		Needle Bar Rock Crank	바늘대 요동 크랭크	1	1	1	1	1	
C-75	CL-000104-00		Needle Rocker Shaft Collar	요동축 카라	1	1	1	1	1	
C-76	GP-022806-00		SeaSaw Lever	시소레버				2	2	
C-77	SC-0108-2350		Screw	고정나사	1	1	1	1	1	
C-78	SC-0502-2302		Screw	고정나사				2	2	
C-79	04-002S-7900		Screw	고정나사				4	4	

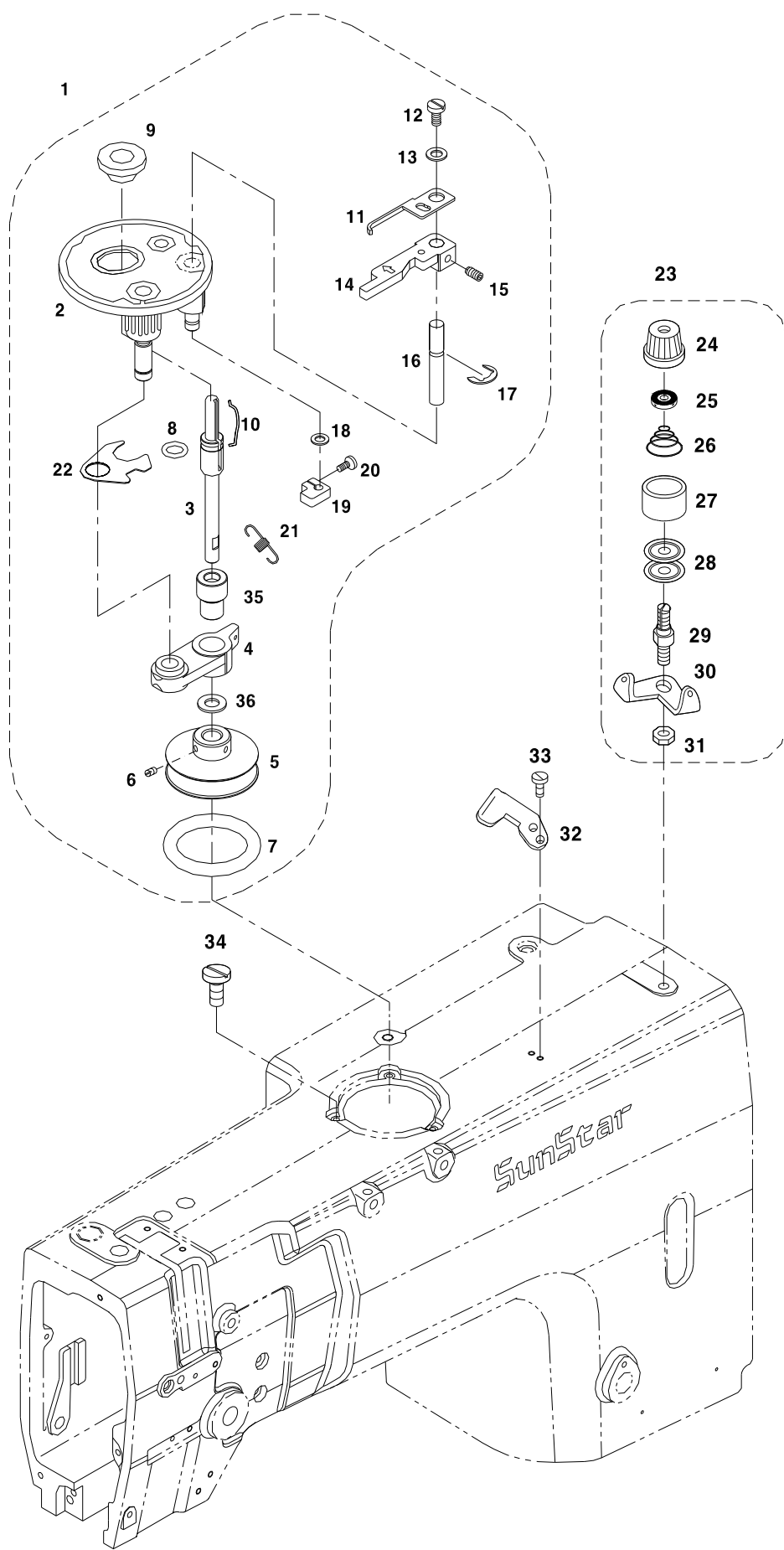
D

Needle Bar Flip-Up Mechanism

바늘대 절환 관계



Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
D-1	SLR070-00001		Needle Bar Change Solenoid Ass'y	바늘대 절환 솔레노이드(組)				2	2	
D-2	17-311A-7907		Cover For Solenoid	솔레노이드 커버				1	1	
D-3	17-312A-7907		Stud For Solenoid Shaft Connection Lever	솔레노이드 연결 레버 받침				1	1	
D-4	17-314S-7907		Nut[M8×P=1]	연결 레버 받침 고정너트				1	1	
D-5	SC-0196-2700		Screw[M3×P=0.5]	솔레노이드 부착 고정나사				8	8	(조)
D-6	11-017W-2700		Washer	솔레노이드 부착 평와셔				8	8	
D-7	11-016W-2700		Spring Washer	솔레노이드 부착 스프링 와셔				8	8	
D-8	17-041S-7907		Ball Guide Screw	볼 안내 축 나사				1	1	
D-9	17-013G-7900		Neutral Spring for Change Lever	바늘대 절환 레버 정위치 스프링				1	1	
D-10	17-014A-7900		Neutral Positioning Ball	바늘대 절환 레버 정위치 볼				1	1	
D-11	SC-0307-1230		Screw[3/16" n=32]	솔레노이드 고정나사				2	2	
D-12	17-042A-7907		Connection Lever for Solenoid Shaft	솔레노이드 축 연결 레버				1	1	
D-13	17-027A-7907		Set Screw for Solenoid Shaft	솔레노이드 운동축 단나사				2	2	
D-14	17-017S-7507		Set Screw(B) For Slide Block	슬라이드 블럭 운동축 단나사				1	1	
D-15	GP-016985-00		Slide Block Moving Shaft(T)	슬라이드 블럭 운동축(사절)				1	1	
D-16	17-007G-7907		Return Spring For Solenoid Shaft	솔레노이드축 복귀 스프링				2	2	
D-17	17-128A-7900		Collar For Slide Block Moving Shaft	슬라이드 블럭 운동축 카라				3	3	
D-18	SC-0105-7500		Screw [M5]	캠 접촉 고정나사				5	5	
D-19	17-120A-7900		Bracket For Slide Block Moving Shaft	슬라이드 블럭 운동축 브라켓				1	1	
D-20	SC-0543-2302		Screw [11/64" n=40]	브라켓 고정나사				2	2	
D-21	17-024A-7900		Slide Block Moving Lever	슬라이드 블럭 운동 레버				1	1	
D-22	SC-0195-7507		Screw [M4×P=0.7]	안내핀 나사				1	1	
D-23	06-011G-8270		Positioning Spring For Slide Block	슬라이드 블럭 위치 결정 스프링				2	2	
D-24	EA-000040-00		Needle Bar Change Switch Ass'y	바늘대 절환 스위치(組)				1	1	
D-25	06-024S-7400		Screw	스위치 고정 나사				2	2	
D-26	10-061S-9577		Screw Ass'y	솔레노이드 줌나사(組)				8set	8set	



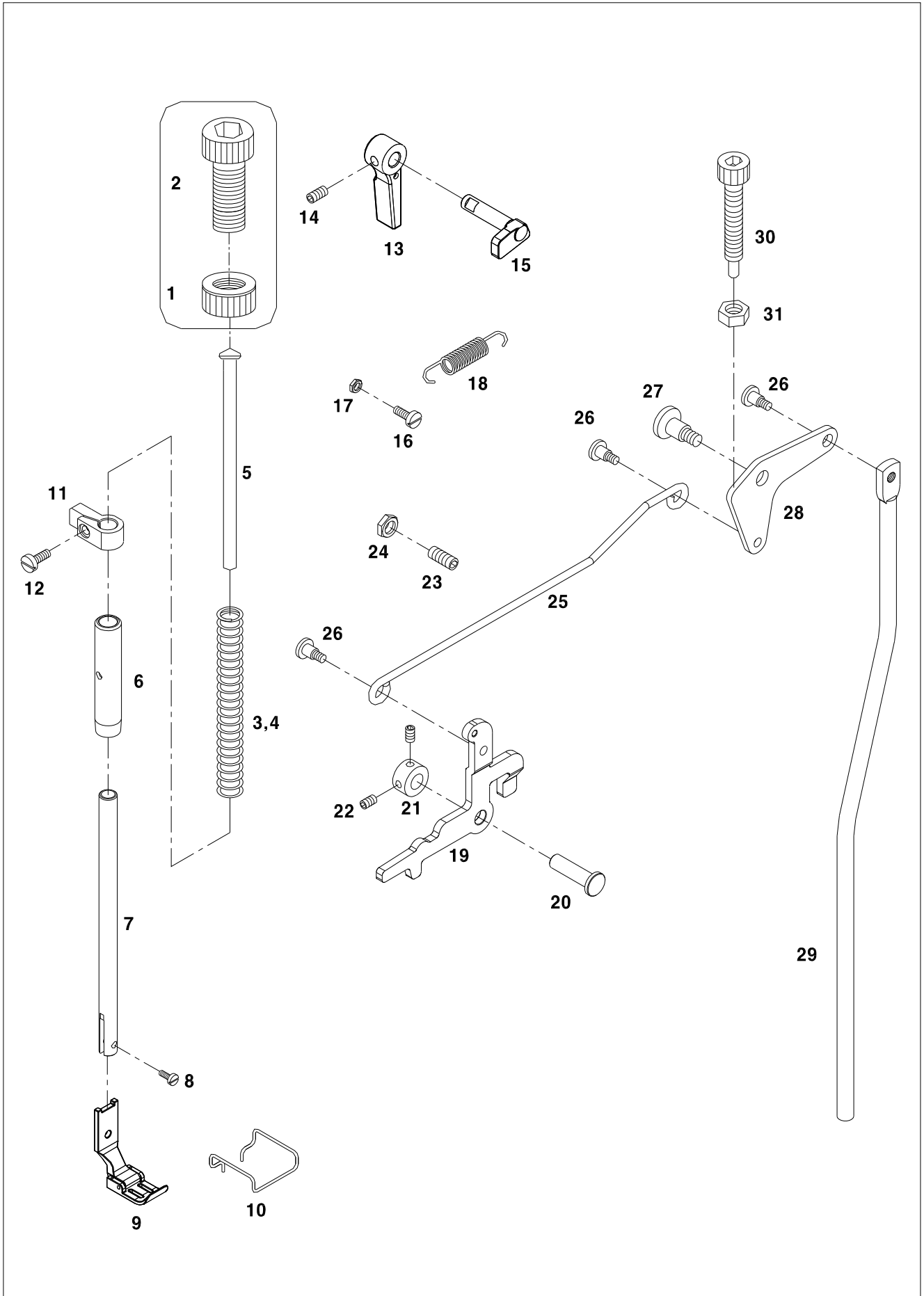


Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
E-1	AS-000353-00		Bobbin Winder Ass'y	실감기 (조)	1	1	1	1	1	(조)
E-2	41S001S-306H		Bobbin Winder Base Ass'y	실감기 베이스 (조)	1	1	1	1	1	
E-3	GP-000765-01		Bobbin Winder Driving Shaft	실감기 구동축	1	1	1	1	1	
E-4	GP-000764-01		Bobbin Winder Action Body	실감기 작동체	1	1	1	1	1	
E-5	GP-004578-00		Bobbin Winder Action Pulley	실감기 작동 폴리	1	1	1	1	1	
E-6	SC-0104-5607		Screw [11/64" n=40]	실감기 작동 폴리 고정나사	2	2	2	2	2	
E-7	RI-000040-00		Bobbin Winder Action Ring	실감기 작동 링	1	1	1	1	1	
E-8	41S009S-306H		Bobbin Winder Shaft Rubber Ring	실감기 구동축 고무링	1	1	1	1	1	
E-9	41-008A-300G		Bobbin Stand	보빈 스탠드	1	1	1	1	1	
E-10	41-009A-300G		Bobbin Stopper	보빈 스톱퍼	1	1	1	1	1	
E-11	41-010A-300G		Bobbin Winder Adjusting Plate	실감기 조정판	1	1	1	1	1	
E-12	SC-0130-1230		Screw [1/8" n=40]	실감기 조정판 썸나사	1	1	1	1	1	
E-13	06011SW-306H		Washer	와셔	1	1	1	1	1	
E-14	41-013A-300G		Bobbin Winder Lever	실감기 레버	1	1	1	1	1	
E-15	SC-0105-7500		Screw [M4×P0.7]	실감기 레버 고정나사	1	1	1	1	1	
E-16	41S013S-306H		Bobbin Winder Lever Shaft	실감기 레버축	1	1	1	1	1	
E-17	04-009C-3710		E-ring [φ5]	실감기 레버축 E 링(호칭경5)	2	2	2	2	2	
E-18	40-007W-1600		Washer	와셔	2	2	2	2	2	
E-19	41S014S-306H		Thread Winder Adjusting Cam	실감기 조절캠	1	1	1	1	1	
E-20	02004SC-4113		Screw [M4×P0.7]	실감기 조절캠 썸나사	1	1	1	1	1	
E-21	41S021S-306H		Thread Winder Spring	실감기 인장 스프링	1	1	1	1	1	
E-22	41S017S-306H		Thread Winder Action Plate	실감기 작동판	1	1	1	1	1	
E-23	AS-000581-00		Thread Tension Control Ass'y	실감기 실장력 조절장치 (조)	1	1	1	1	1	
E-24	41S034S-306H		Thread Tension Control Cap Nut	실장력 조절 캡 너트	1	1	1	1	1	
E-25	40-804W-1230		Thread Tension Control Spring Stopper	실장력 조절 스프링 스톱퍼	1	1	1	1	1	
E-26	40-333G-3710		Thread Tension Control Spring	실장력 조절 스프링	1	1	1	1	1	
E-27	40-024A-1230		Spring Cover	스프링 커버	1	1	1	1	1	
E-28	40-108A-1306		Thread Tension Disk	실안내 접시	1	1	1	1	1	
E-29	41S028S-306H		Thread Tension Adjusting Shaft	실장력 조절축	1	1	1	1	1	
E-30	41S026S-306H		Thread Guide Plate	실안내판	1	1	1	1	1	
E-31	SN-0121-7400		Nut	너트	1	1	1	1	1	
E-32	41S025S-306H		Bobbin Winder Mes	실감기 메스	1	1	1	1	1	
E-33	SC-0519-2302		Screw [9/64" n=40]	실감기 메스 썸나사	2	2	2	2	2	
E-34	41S023S-306H		Screw [11/64" n=40]	실감기 작동판 썸나사	3	3	3	3	3	
E-35	GP-004579-00		Bobbin Winder Action Body Bushing	실감기 작동체 붓싱	1	1	1	1	1	
E-36	WS-000073-00		Washer for Bobbin Winder Driving Shaft	실감기 구동축 와셔	1	1	1	1	1	

F

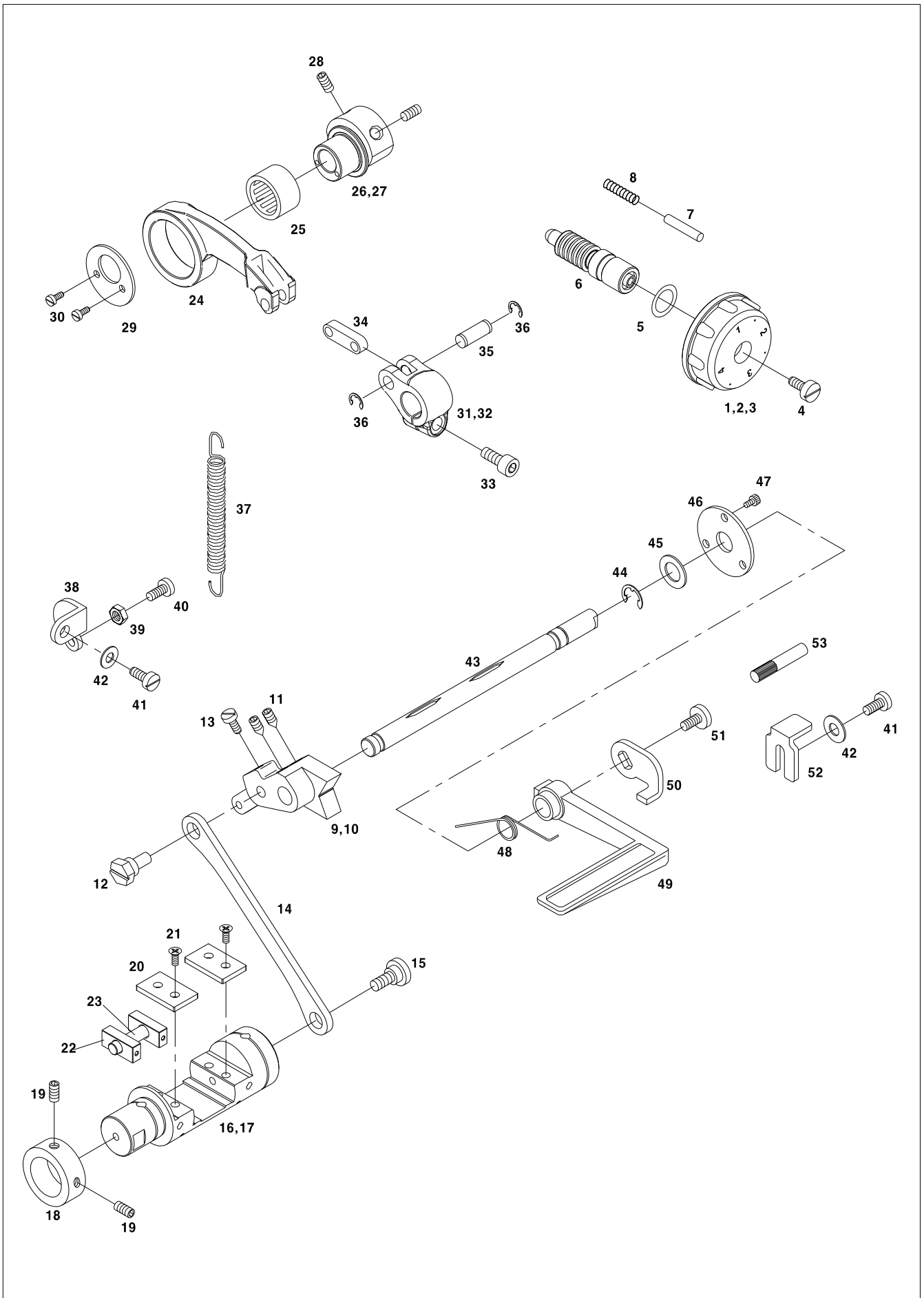
Presser Foot Mechanism

누름대 관계



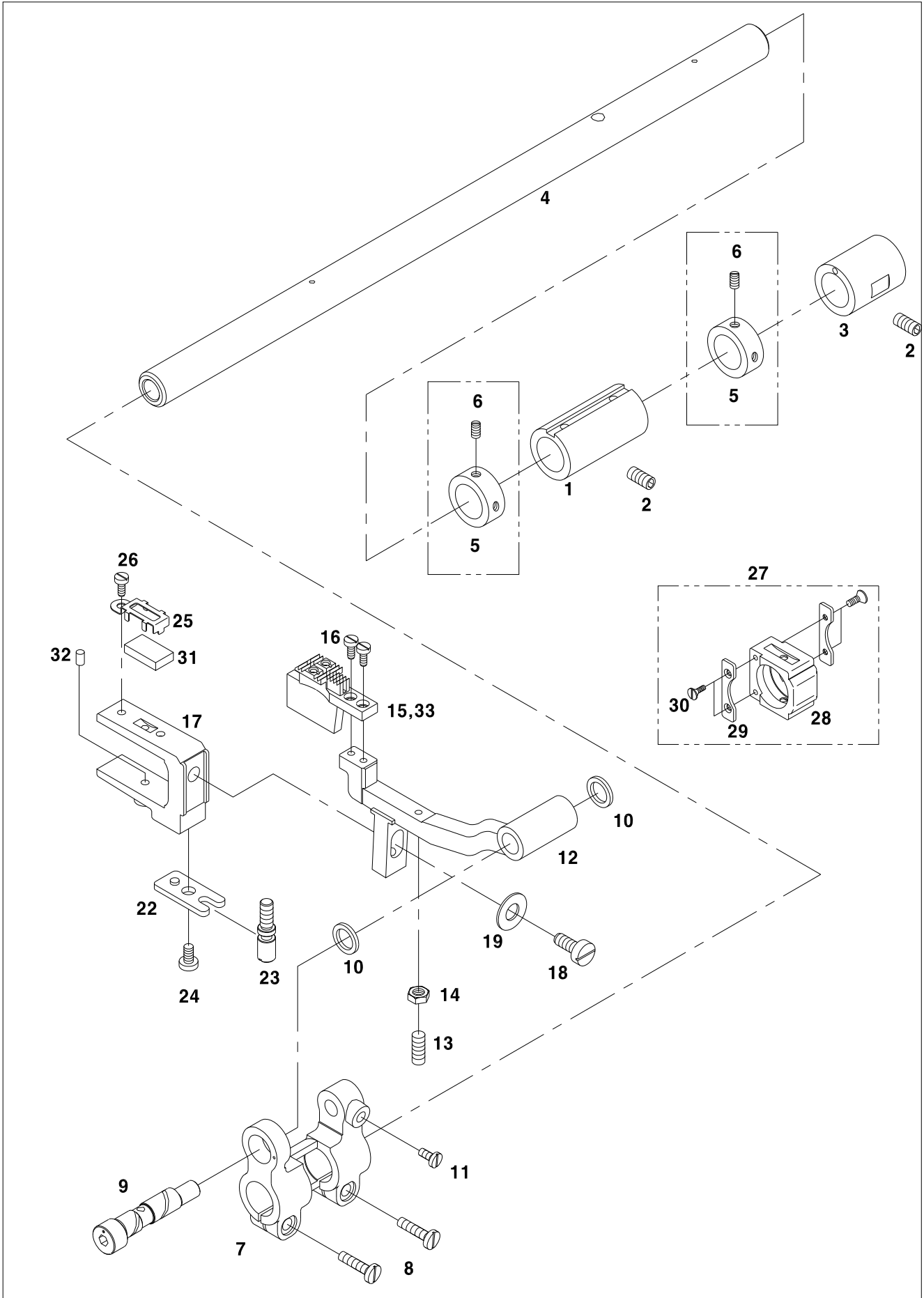


Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty					Applied Period
					1750			1790		
					SF	MG	MBL	MG	MBL	
F-1	05-002C-2500		Nut [9/16" n=20]	압력 조절너트	1	1	1	1	1	
F-2	SC-0339-1230		Screw [9/16" n=20]	압력 조절나사	1	1	1	1	1	
F-3	05-014C-250A		Presser Bar Spring	압력 조절 스프링	1	1		1		
F-4	05-014C-250B		Presser Bar Spring (Heavy)	압력 조절 스프링(후물)			1		1	
F-5	05-007C-1230		Presser Guide Bar	압력 조절봉	1	1	1	1	1	
F-6	GP-010212-00		Presser Bar Bushing	누름대 붓싱	1	1	1	1	1	
F-7	GP-010611-00		Presser Bar	누름대	1	1	1	1	1	
F-8	SC-0315-2302		Screw [9/64" n=40]	노루발 꺾나사	1	1	1	1	1	
F-9	05-020A-7400		Presser Foot 1/4	노루발 1/4 (안전가이드용)	1	1	1	1	1	
F-10	01-01C-7507		Safety Guide	안전가이드	1	1	1	1	1	
F-11	GP-013204-00		Presser Bar Holder	누름대 잡이	1	1	1	1	1	
F-12	SC-A174-4122		Screw [11/64" n=40]	누름대 잡이 꺾나사	1	1	1	1	1	
F-13	43-001A-640L		Presser Bar Lifter	누름대 올리기	1	1	1	1	1	
F-14	SC-0164-2700		Screw [M5]	누름대 올리기 고정나사	2	2	2	2	2	
F-15	GP-025414-00		Presser Bar Lifter Crank	누름대 올리기 크랭크	1	1	1	1	1	
F-16	SC-0158-3710		Screw [9/64" n=40]	스프링 걸이 나사	1	1	1	1	1	
F-17	11-017S-7500		Nut [9/64" n=40]	누름대 올림 레버 스프링 너트	1	1	1	1	1	
F-18	GP-012864-00		Spring For Presser Bar Lifter Lever	누름대 올림 레버 스프링	1	1	1	1	1	
F-19	GP-025423-00		Presser Bar Lifter Lever	누름대 올리기 레버	1	1	1	1	1	
F-20	43-107P-5700		Presser Bar Lifter Stud	누름대 올리기 레버축	1	1	1	1	1	
F-21	43-008A-7500		Collar For Presser Bar Lifter Stud	누름대 올리기 레버축 카라	1	1	1	1	1	
F-22	SC-0113-3400		Screw [11/64" n=40]	레버축 카라 고정나사	2	2	2	2	2	
F-23	SC-000803-00		Screw [1/4" n=28]	누름대 올리기 레버 지지 나사	1	1	1	1	1	
F-24	43-005C-7500		Nut [1/4" n=28]	누름대 올리기 레버 지지 너트	1	1	1	1	1	
F-25	GP-010613-00		Knee Lifter Connecting Rod	무릎 올림 연결 로드	1	1	1	1	1	
F-26	43-017S-7500		Stud Screw For Knee Lifter Connecting Rod	무릎 올림 연결 로드 단나사	3	3	3	3	3	
F-27	SC-001792-00		Stud Screw For Knee Lifter Link	무릎 올림 링크 단나사	1	1	1	1	1	Dec.09.09
	43-014S-7500		Stud Screw For Knee Lifter Link	무릎 올림 링크 단나사	1	1	1	1	1	
F-28	GP-010112-00		Knee Lifter Link	무릎 올림 링크	1	1	1	1	1	
F-29	GP-010203-00		Knee Lifter Bar	무릎 올림 봉	1	1	1	1	1	
F-30	43-035S-2070		Bolt [M6]	노루발 미세 조정 볼트	1	1	1	1	1	
F-31	43-036S-2070		Nut [M6]	노루발 미세 조정 너트	1	1	1	1	1	





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
G-1	GP-011005-00		Length Control Dial Plate	다이알 문자판(4)	1					
G-2	06-001A-7500		Length Control Dial Plate	다이알 문자판(5)		1		1		
G-3	06-013M-740L		Length Control Dial Plate	다이알 문자판(7)			1		1	
G-4	SC-0193-1230		Screw(3/16" n=28)	다이알 판 고정나사(3/16" n=28)	1	1	1	1	1	
G-5	06-010R-1230		O-Ring[P10]	다이알 축 오링	1	1	1	1	1	
G-6	GP-010906-00		Feed Regulator Dial Shaft	피이드 조절 다이알 축	1	1	1	1	1	
G-7	06-012P-7400		Pin For Dial	다이알 핀	1	1	1	1	1	
G-8	06-027G-7400		Spring For Dial	다이알 스프링	1	1	1	1	1	
G-9	GP-009934-00		Feed Regulator	피이드 조절기	1	1		1		
G-10	GP-010971-00		Feed Regulator(BL)	피이드 조절기(2배축)			1		1	
G-11	SC-A117-4417		Screw(1/4" n=40)	육각구멍볼이 멈춤나사(1/4" n=40)	2	2	2	2	2	
G-12	06-112A-7500		Feed Regulator Eccentric Wheel Shaft	피이드 조절기 편심축	1	1	1	1	1	
G-13	SC-0307-1230		Screw(3/16" n=32)	톱니 받침 블럭 고정나사(3/16" n=32)	1	1	1	1	1	
G-14	06-114A-7500		Feed Regulator Connecting Rod	절환기 연결로드(2분침)	1	1	1	1	1	
G-15	06-015A-7500		Stud Screw For F-15	절환기 연결로드 단나사	1	1	1	1	1	
G-16	GP-011003-00		Feed Regulator Shaft	절환기		1		1		
G-17	GP-011004-00		Feed Regulator Shaft(BL)	절환기(2배축)	1		1		1	
G-18	07-252A-5607		Stopper Collar For Feed Regulator Shaft	절환기 스톱퍼 카라	1	1	1	1	1	
G-19	SC-0317-2700		Screw(15/64" n=28)	카라 고정나사	2	2	2	2	2	
G-20	06-129A-7500		Slide Block Guide Plate	슬라이드 블럭 안내판	2	2	2	2	2	
G-21	SC-0543-2302		Screw(11/64" n=40)	안내판 고정나사	4	4	4	4	4	
G-22	GP-020930-00		Slide Block	슬라이드 블럭(절환기)	2	2	2	2	2	
G-23	GP-020931-00		Pin For Connecting Rod	피이드 캠 연결로드 연결핀	1	1	1	1	1	
G-24	GP-020928-00		Feed Cam Connecting Rod	피이드 캠 연결로드	1	1	1	1	1	
G-25	06-036A-7400		Needle Bearing	니들 베어링	1	1	1	1	1	
G-26	GP-020929-00		Feed Cam	피이드 캠	1	1		1		
G-27	GP-021005-00		Feed Cam (BL)	피이드 캠(2배축)			1		1	
G-28	SC-A308-4517		Screw [1/4" n=40]	피이드 캠 고정나사	2	2	2	2	2	
G-29	06-024A-7500		Bearing Cover For Feed Cam	피이드 캠 베어링 커버	1	1	1	1	1	
G-30	SC-A301-4119		Screw(9/64" n=40)	홈볼이 접시 작은나사(9/64" n=40)	2	2	2	2	2	
G-31	06-141A-7400		Level Feed Crank	수평밀대 크랭크	1	1		1		
G-32	06-141A-750L		Level Feed Crank (BL)	수평밀대 크랭크(2배축)			1		1	
G-33	SC-0253-7400		Screw(1/4" n=28)	오동 크랭크 쥘나사(1/4" n=28)	1	1	1	1	1	
G-34	06-137A-7400		Level Feed Connecting Link	수평 피이드 연결링크(KS007)	1	1	1	1	1	
G-35	06-140P-7400		Connecting Link Pin	연결핀	1	1	1	1	1	
G-36	06-020C-7400		E-Ring(φ6)	E링(φ6)	2	2	2	2	2	
G-37	GP-010000-00		Feed Adjusting Spring	피이드 조절 스프링	1	1	1	1	1	
G-38	GP-010958-00		Bracket for Spring	스프링걸이 브라켓	1	1	1	1	1	
G-39	SN-0111-1600		Nut [3/16" n=28]	너트	1	1	1	1	1	
G-40	SC-0523-1230		Screw [3/16" n=28, L=10]	피이드 조절 스프링 고정나사	1	1	1	1	1	
G-41	SC-0548-7400		Screw [3/16" n=28, L=8]	스프링걸이 브라켓 고정나사	2	2	2	2	2	
G-42	10-020W-2700		Washer	와셔	2	2	2	2	2	
G-43	GP-010205-00		Reverse Feed Control Shaft	역진레버축	1	1	1	1	1	
G-44	RI-000108-00		E-Ring(φ8)	E링(φ8)	1	1	1	1	1	
G-45	06-031C-106L		Washer	와셔	1	1	1	1	1	
G-46	06-032C-106L		Cover for Reverse Feed Control Shaft	역진레버축 커버	1	1	1	1	1	
G-47	SC-0211-7500		Screw [M4×P0.7, L=8]	커버 고정나사	3	3	3	3	3	
G-48	SP-000041-00		Reverse Feed Lever Return Spring	역진레버 복귀스프링	1	1	1	1	1	Aug.31.09
	06-034G-106L		Reverse Feed Lever Return Spring	역진레버 복귀스프링	1	1	1	1	1	
G-49	GP-012781-01		Reverse Feed Lever	역진레버	1	1	1	1	1	
G-50	GP-010206-00		Bracket for Reverse Feed Lever	역진레버 브라켓	1	1	1	1	1	
G-51	SC-0185-1230		Screw [3/16" n=32, L=10]	역진레버 커버 나사	1	1	1	1	1	
G-52	GP-010207-00		Stopper for Reverse Feed Lever	역진레버 스톱퍼	1	1	1	1	1	
G-53	06-036C-2070		Stopper for Return Spring	복귀스프링 스톱퍼	2	2	2	2	2	

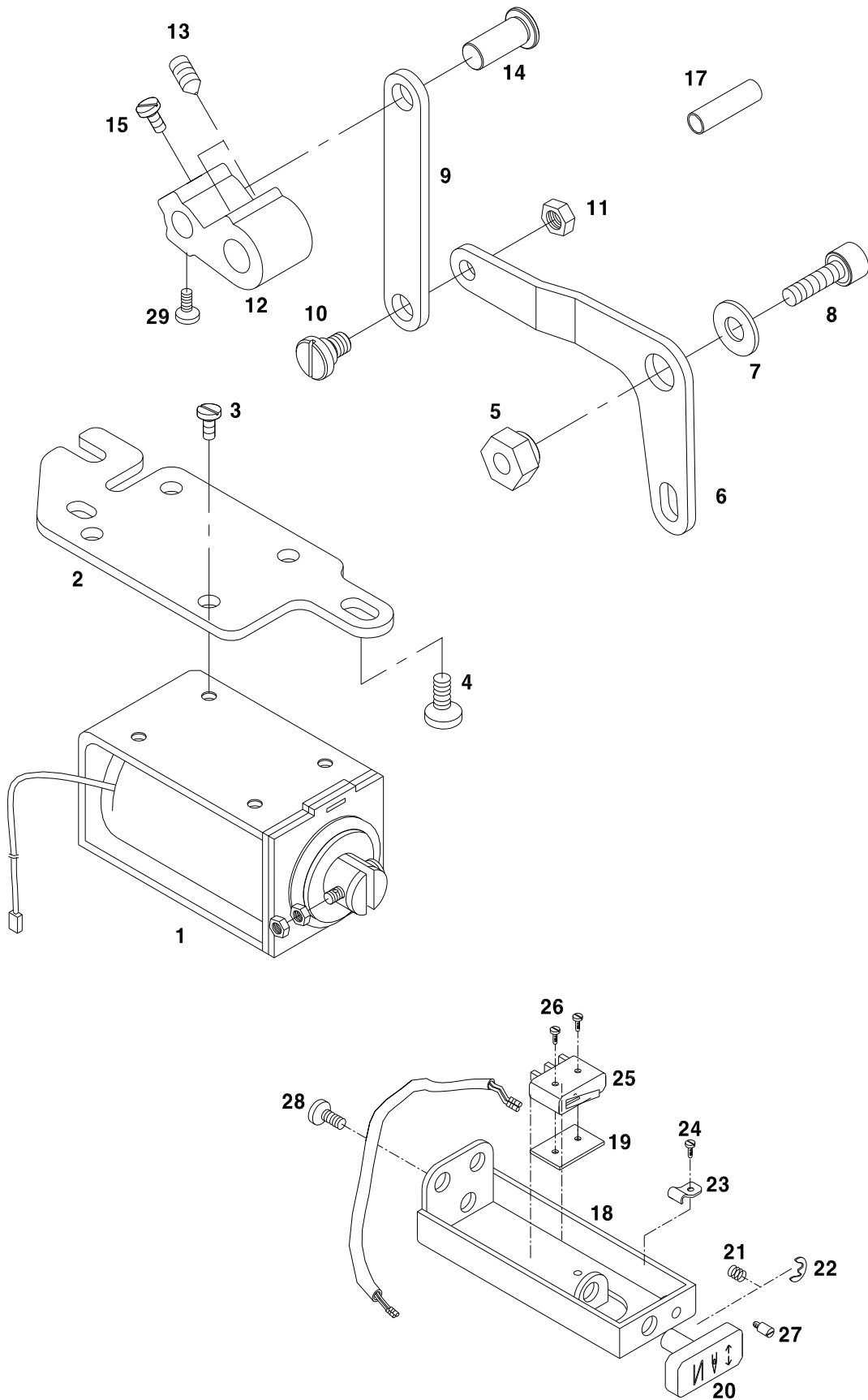




Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
H-1	06-141A-7500		Feed Rock Shaft Bushing(Front)	수평밀대 전 붓싱	1	1	1	1	1	
H-2	SC-0507-1230		Screw [15/64" n=28]	붓싱 고정나사	2	2	2	2	2	
H-3	06-139A-7400		Feed Rock Shaft Bushing(Rear)	수평밀대 후 붓싱	1	1	1	1	1	
H-4	GP-010977-00		Feed Rock Shaft	수평밀대	1	1	1	1	1	
H-5	06-142A-7400		Collar For Feed Rock Shaft	수평밀대 카라	2	2	2	2	2	
H-6	SC-0129-7400		Screw [1/4" n=40]	카라 고정나사	4	4	4	4	4	
H-7	GP-010621-00		Feed Bar Crank	톱니받침 크랭크	1	1	1	1	1	
H-8	SC-0184-1600		Screw [3/16" n=28, L=17]	톱니받침 크랭크 첩나사	2	2	2	2	2	
H-9	GP-011849-00		Feed Bar Eccentric Shaft	톱니받침 편심축	1	1	1	1	1	
H-10	WS-000119-00		Washer	톱니받침 편심축 와셔	2	2	2	2	2	
H-11	SC-0179-3710		Screw [3/16" n=32]	톱니받침 편심축 고정나사	1	1	1	1	1	
H-12	GP-011850-01		Feed Bar	톱니받침	1	1	1	1	1	
H-13	SC-0212-7400		Screw [1/8" n=44]	톱니높이 조절나사	1	1	1	1	1	
H-14	SN-0113-7400		Nut [1/8" n=44]	톱니높이 조절나사 첩너트	1	1	1	1	1	
H-15	06-57TA-7507		Feed Dog 1/4"	톱니 1/4"	1	1	1	1	1	
H-16	SC-A306-4113		Screw [1/8" n=44]	톱니 고정나사	2	2	2	2	2	
H-17	GP-019663-00		Feed Bar Fork	톱니받침 포크	1	1	1	1	1	
H-18	SC-0106-7400		Screw [15/64" n=28]	톱니받침 포크 첩나사	1	1	1	1	1	
H-19	06-151W-7400		Washer for Feed Bar Fork	톱니받침 포크 와셔	1	1	1	1	1	
H-22	GP-011844-00		Guide Plate for Feed Bar Fork	톱니받침 포크 가이드판	1	1	1	1	1	
H-23	SC-000416-01		Adjusting Screw for Feed Bar Fork	톱니받침 포크 조정나사	1	1	1	1	1	
H-24	SC-0543-2302		Screw [11/64" n=40]	톱니받침 포크 가이드판 고정나사	1	1	1	1	1	
H-25	GP-019666-00		Felt Holder	벨트잡이	1	1	1	1	1	
H-26	SC-000645-00		Screw [M3×P0.5, L=4]	벨트잡이 고정나사	1	1	1	1	1	
H-27	AS-005117-00		Feed Bar Slide Block Ass'y	톱니받침 미끄럼 블럭(조)	1	1	1	1	1	(조)
H-28	GP-019664-00		Feed Bar Slide Block	톱니받침 미끄럼 블럭	(1)	(1)	(1)	(1)	(1)	
H-29	GP-019665-00		Block Guide	블럭 가이드	(1)	(1)	(1)	(1)	(1)	
H-30	SC-000605-00		Screw [M2×P0.4, L=4]	블럭 가이드 고정나사	(4)	(4)	(4)	(4)	(4)	
H-31	GP-019667-00		Felt A	벨트 A	1	1	1	1	1	
H-32	GP-019668-00		Felt B	벨트 B	1	1	1	1	1	
H-33	06-07TA-757A		Feed Dog 1/4"(BL)	톱니 1/4"(BL)			1		1	

Reverse Button Mechanism

역진 버튼 관계

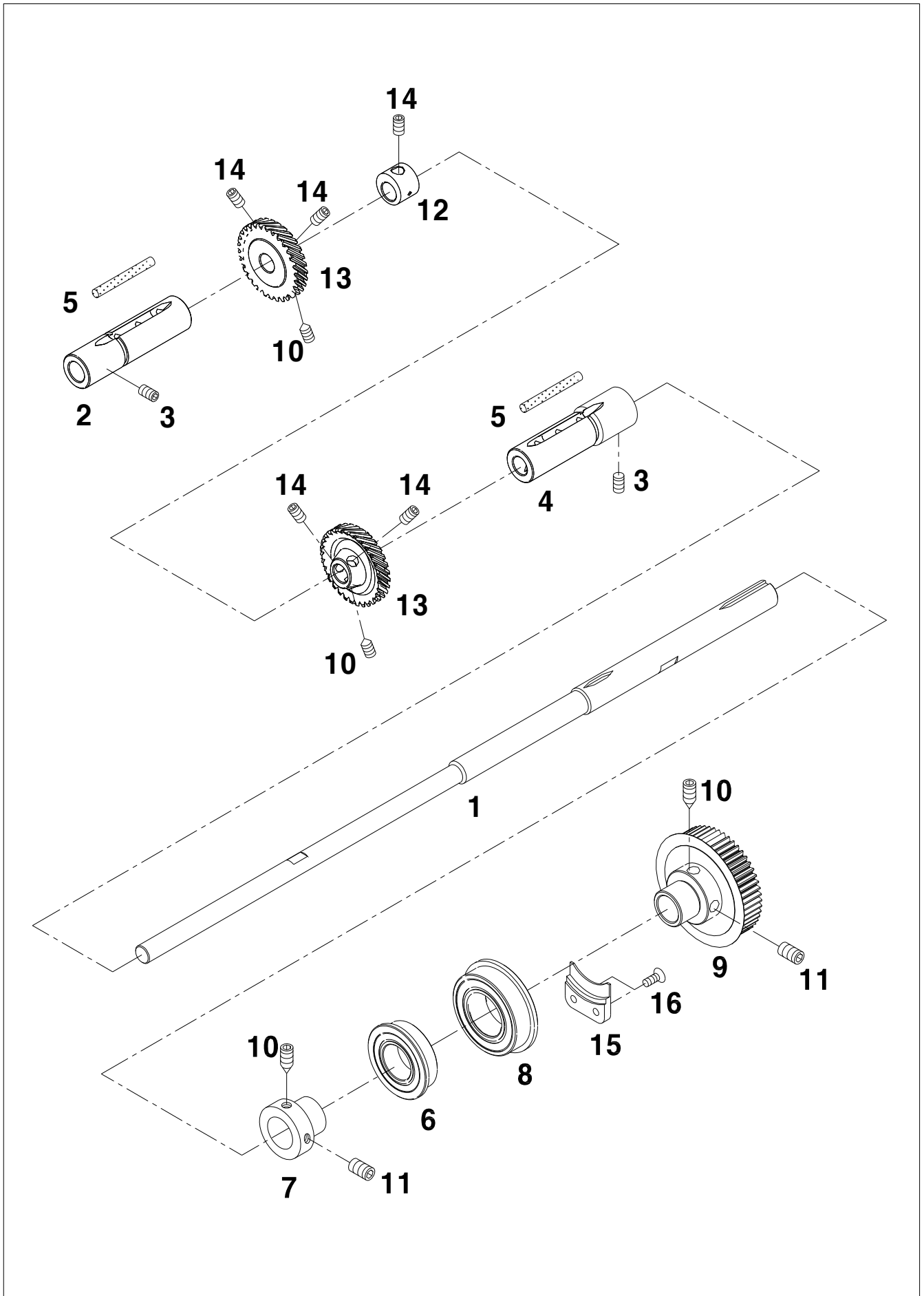


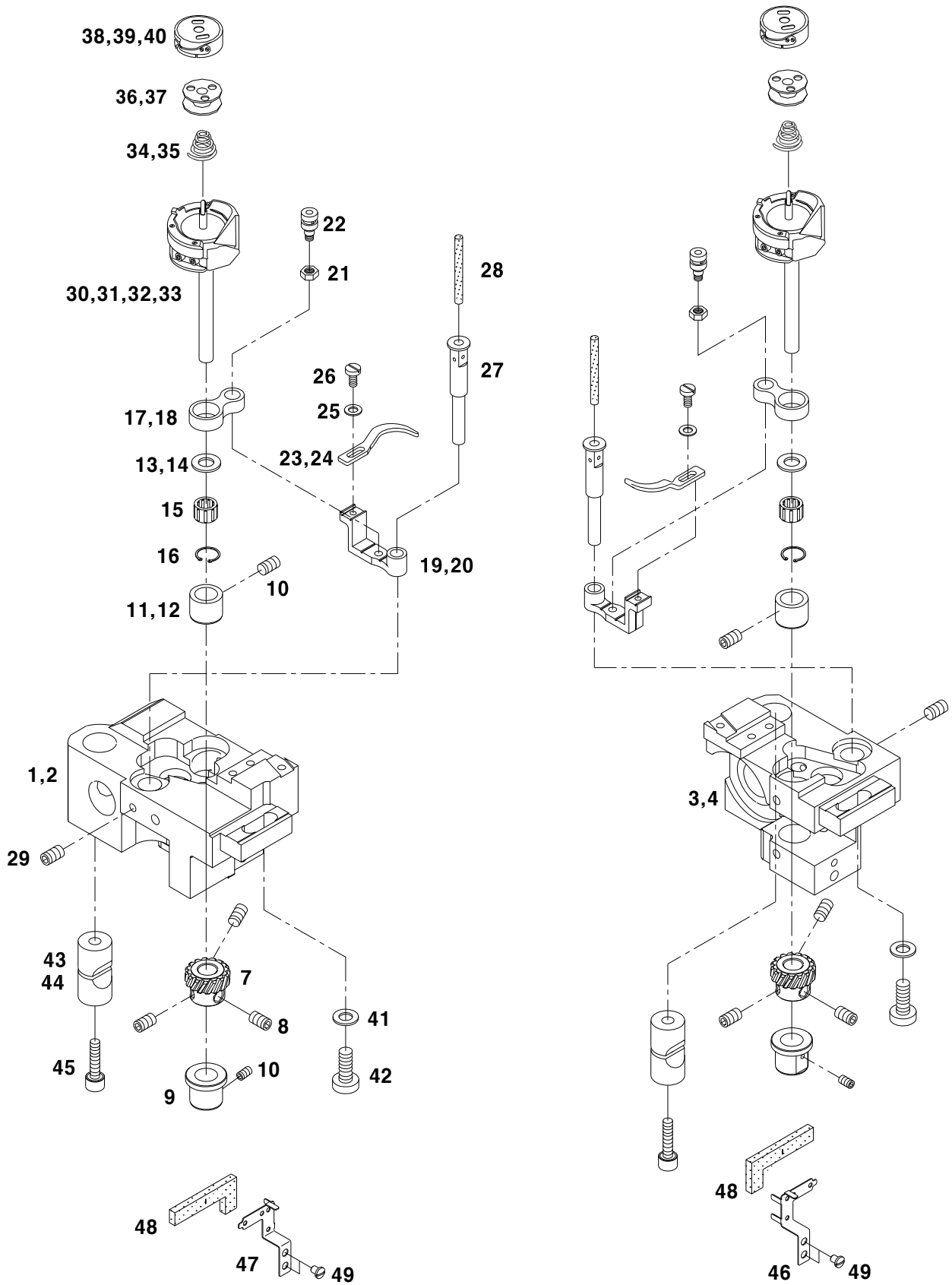
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
I-1	SBT160-00001		Reverse Feed Solenoid Ass'y	역진솔레노이드 (조)	1	1	1	1	1	
I-2	GP-009962-00		Reverse Feed Solenoid Base	역진솔레노이드 부착판	1	1	1	1	1	
I-3	SC-024S-7400		Screw [11/64" n=40, L=7]	역진솔레노이드 고정나사	3	3	3	3	3	
I-4	SC-0183-2070		Screw [15/64" n=28, L=9]	역진솔레노이드 부착판 고정나사	2	2	2	2	2	
I-5	06-045A-106L		Reverse Feed Solenoid Crank Support	역진솔레노이드 크랭크받침	1	1	1	1	1	
I-6	GP-009963-00		Reverse Feed Solenoid Crank	역진솔레노이드 크랭크	1	1	1	1	1	
I-7	06-046W-1067		Washer	와셔	1	1	1	1	1	
I-8	SC-0108-2350		Screw [M6]	고정 볼트	1	1	1	1	1	
I-9	GP-009966-00		Reverse Feed Solenoid Crank Link	역진솔레노이드 연결링크	1	1	1	1	1	
I-10	43-016S-640L		Hinge Screw [15/64" n=28]	연결링크 단나사	1	1	1	1	1	
I-11	SN-0105-3400		Nut [15/64" n=28]	너트	1	1	1	1	1	
I-12	GP-010204-00		Reverse Feed Crank	역진크랭크	1	1	1	1	1	
I-13	SC-A117-4417		Screw [1/4" n=40, L=6]	고정 나사	2	2	2	3	3	
I-14	PN-000187-00		Reverse Feed Crank Connecting Pin	역진크랭크 연결핀	1	1	1	1	1	
I-15	SC-0307-1230		Screw [3/16" n=32, L=8]	역진크랭크 연결핀 고정나사	1	1	1	1	1	
I-17	06-040R-106L		Reverse Feed Lever Stopper Rubber	역진레버 스토퍼 고무	1	1	1	1	1	
I-18	GP-022654-00		Reverse Feed Button Case	역진버튼 케이스	1	1	1	1	1	
I-19	12-002A-7507		Insulation Film	역진버튼 스위치 절연 필름	1	1	1	1	1	
I-20	12-013A-7507		Reverse Feed Button Ass'y	역진버튼(조)	1	1	1	1	1	
I-21	12-004A-7507		Spring for Reverse Feed Button	역진버튼 스프링	1	1	1	1	1	
I-22	06-033M-3800		E-Ring [φ3]	E 링	1	1	1	1	1	
I-23	12-006P-7507		Stopper for Reverse Feed Button	역진버튼 스토퍼	1	1	1	1	1	
I-24	SC-0531-2302		Screw [9/64" n=40]	역진버튼 스토퍼 고정나사	1	1	1	1	1	
I-25	CA-001445-00		Reverse Feed Button Switch Ass'y	역진버튼 스위치(조)	1	1	1	1	1	
I-26	SC-0126-3800		Screw [3/32" n=56]	역진버튼 스위치(조) 고정나사	2	2	2	2	2	
I-27	SC-0195-7507		Screw [M4×P=0.7]	역진버튼 안내핀 나사	1	1	1	1	1	
I-28	SC-0543-2302		Screw [11/64" n=40]	역진버튼 케이스 고정나사	2	2	2	2	2	
I-29	SC-024S-7400		Screw	역진크랭크 고정나사	1	1	1	1	1	

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Lower Shaft Mechanism

하축 관계





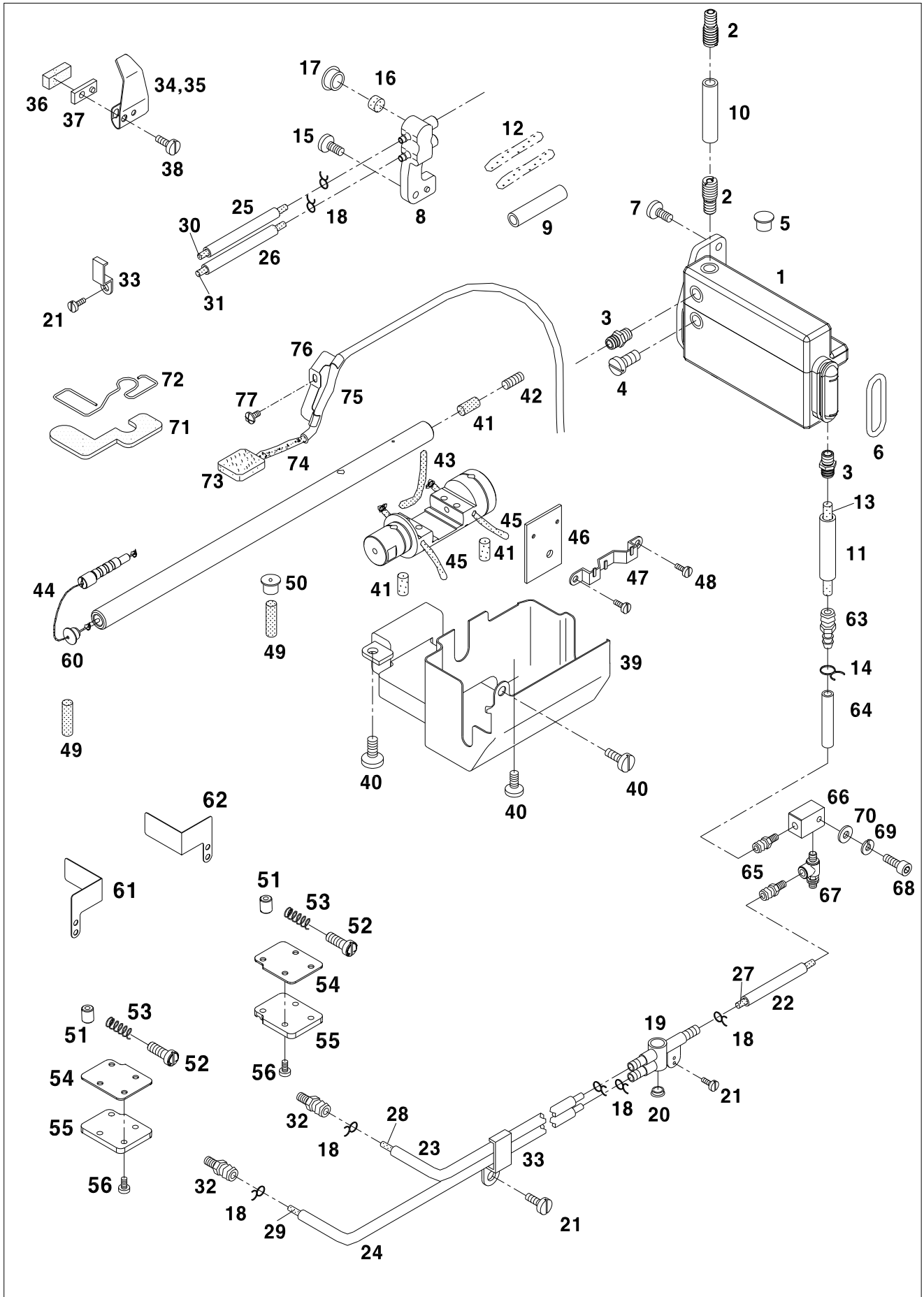


Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
K-1	GP-011854-00		Rotary Hook Base(Left)	훅 받침(좌)	1	1		1		
K-2	GP-011855-00		Rotary Hook Base(Left)-Large Hook	훅 받침(좌)-2배훅			1	1		
K-3	GP-011857-00		Rotary Hook Base(Right)	훅 받침(우)	1	1		1	1	
K-4	GP-011858-00		Rotary Hook Base(Right)-Large Hook	훅 받침(우)-2배훅			1		1	
K-7	GP-015572-00		Hook Gear	훅기어	2	2	2	2	2	
K-8	SC-A550-4517		Screw [1/4" n=40]	고정 나사	6	6	6	6	6	
K-9	07-142A-7500		Rotary Hook Bushing(Lower)	로터리 훅 붓싱(下)	2	2	2	2	2	
K-10	SC-0105-7500		Screw [11/64" n=40]	붓싱 고정나사	4	4	4	4	4	
K-11	07-144A-7500		Rotary Hook Bushing(Upper)	로터리 훅 붓싱(上)	2	2		2		
K-12	07-145A-750L		Rotary Hook Bushing(Upper)-Large Hook	로터리 훅 붓싱(上)-2배훅			2		2	
K-13	07-149W-7500		Hook Thrust Ring	훅 받침 링	2	2		2		
K-14	07-050W-750L		Hook Thrust Washer	훅 받침 와셔			2		2	
K-15	07-148A-7500		Rotary Hook Needle Bearing	로터리 훅 니들 베어링	2	2	2	2	2	
K-16	07-047W-7500		Rotary Hook Bearing Stop Ring	로터리 훅 B/R(동심링)	2	2	2	2	2	
K-17	GP-018041-00		Opener Link	오프너 링크	2	2		2		
K-18	GP-018049-00		Opener Link-Large Hook	오프너 링크-2배훅			2		2	
K-19	GP-020809-00		Opener Lever	오프너 레버	2	2		2		
K-20	GP-020810-00		Opener Lever-Large Hook	오프너 레버-2배훅			2		2	
K-21	SN-0115-7400		Nut[3/16" n=32]	오프너 너트	2	2	2	2	2	
K-22	09-106A-7400		Screw For Opener Link Shaft	오프너 링크 축	2	2	2	2	2	
K-23	GP-010959-00		Opener	보빈 케이스 오프너	2	2		2		
K-24	GP-019545-00		Opener-Large Hook	보빈 케이스 오프너-2배훅			2		2	
K-25	02-019W-1230		Washer	오프너 와셔	2	2	2	2	2	
K-26	SC-0502-2302		Screw [9/64" n=40]	오프너 고정나사	2	2	2	2	2	
K-27	GP-018061-00		Opener Lever Shaft	오프너 레버축	2	2	2	2	2	
K-28	44-0000-1230		Oil Wick	오일 십시	2	2	2	2	2	
K-29	SC-0353-7400		Screw[3/16" n=32]	오프너 레버축 고정나사	2	2	2	2	2	
K-30	07-053A-7500		Hook	훅 H12-15L	2					
K-31	07-051A-7507		Hook	훅 H12-15L(TRI)		2				
K-32	07-056A-7907		Hook	훅 H12-15LC TRI/CP				2		
K-33	07-052A-75L7		Hook-Large Hook	훅 H12MC(1) TR/CP-BR			2		2	
K-34	GP-018550-00		Bobbin Tension Spring	역회전 방지 스프링	2	2		2		
K-35	09-043G-740L		Bobbin Tension Spring-Large Hook	역회전 방지 스프링-2배훅			2		2	
K-36	07-160A-7500		Bobbin	보빈	2	2		2		
K-37	07-161A-750L		Bobbin-Large Hook	보빈-2배훅			2		2	
K-38	07-062A-75L7		Bobbin Case-Large Hook	보빈 케이스 캡-2배훅			2			
K-39	07-063A-7900		Bobbin Case	보빈 케이스 캡				2		
K-40	07-064A-790L		Bobbin Case-Large Hook	보빈 케이스 캡-2배훅					2	
K-41	09-034W-7400		Washer For Hook Base	훅 받침 와셔	2	2	2	2	2	
K-42	04-020S-7400		Screw For Hook Base	훅 받침 고정나사	2	2	2	2	2	
K-43	09-126A-7400		Pinch Sleeve(Upper)	훅 받침 슬리브(上)	2	2	2	2	2	
K-44	09-127A-7400		Pinch Sleeve(Lower)	훅 받침 슬리브(下)	2	2	2	2	2	
K-45	SC-0331-7400		Screw [15/64" n=28]	슬리브 고정나사	2	2	2	2	2	
K-46	GP-015151-00		Holder for Hook Gear Felt(Right)	훅 기어 헬트잡이(우)	1	1	1	1	1	
K-47	GP-015149-00		Holder for Hook Gear Felt(Left)	훅 기어 헬트잡이(좌)	1	1	1	1	1	
K-48	GP-015153-00		Hook Gear Felt	훅 기어 헬트	2	2	2	2	2	
K-49	SC-0531-2302		Screw	훅 기어 헬트잡이 나사	4	4	4	4	4	



Lubrication Mechanism

급유관계



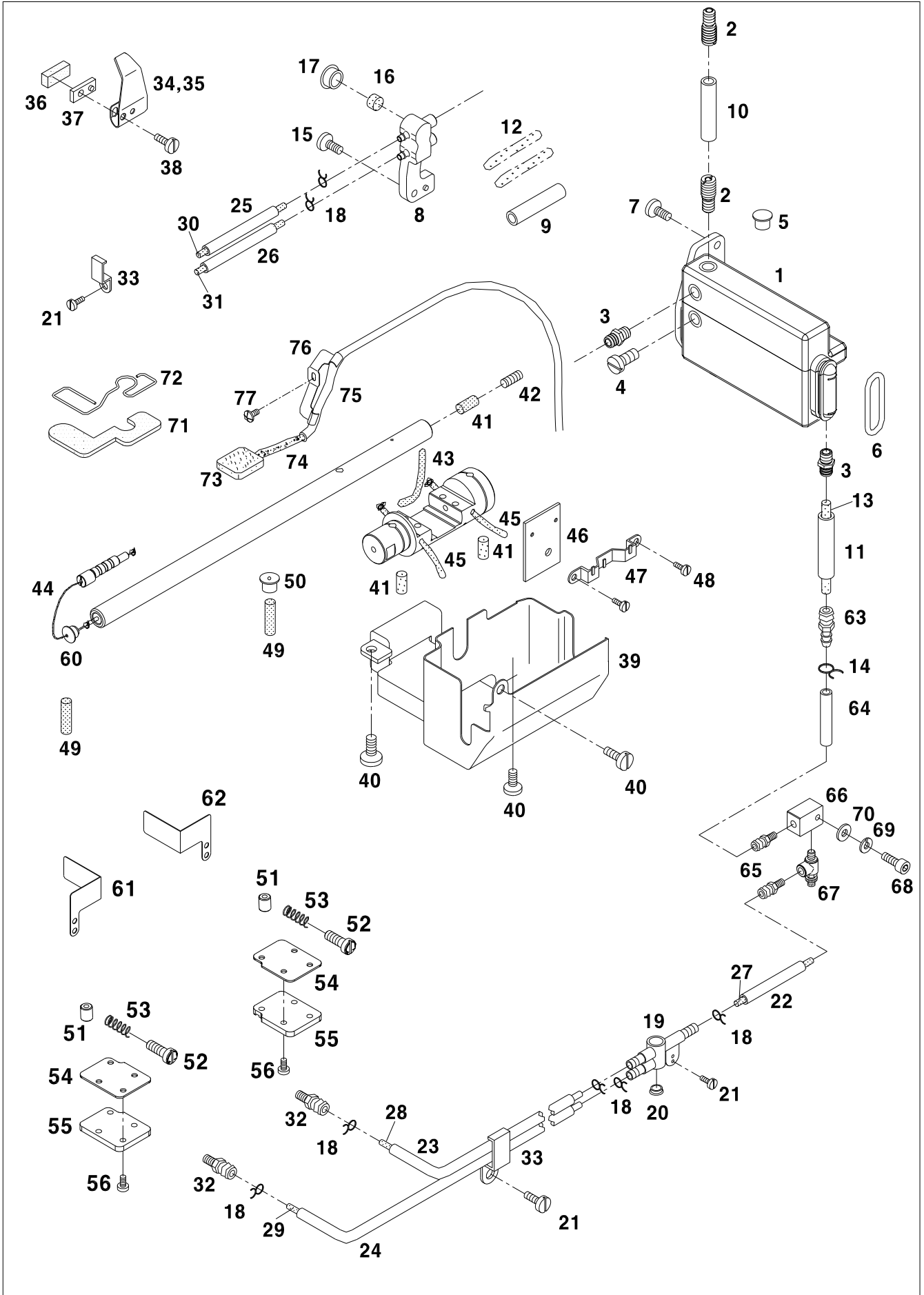


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
L-1	AS-003209-00		Oil Tank Ass'y	오일탱크(조)	1	1	1	1	1	
L-2	GP-016422-00		Oil Tank Nipple A	오일탱크 니플 A	2	2	2	2	2	
L-3	GP-015645-01		Oil Tank Nipple B	오일탱크 니플 B	1	2	2	3	3	
L-4	SC-0346-2350		Screw [M8, L=14.5]	오일탱크 마개나사	2	1	1			
L-5	44-021R-7400		Rubber Cap	오일탱크 고무마개	1	1	1	1	1	
L-6	44-144M-7500		O-Ring (P30)	오일탱크 O링	1	1	1	1	1	
L-7	SC-0523-1230		Screw [3/16" n=28, L=11]	오일탱크 고정나사	2	2	2	2	2	
L-8	GP-012865-00		Oil Terminal	오일터미널		1	1	1	1	
L-9	GP-034903-00		Hose [φ6×φ8, L=130]	오일터미널 오일 호스		1	1	2	2	
L-10	GP-001862-00		Hose [φ8×φ10, L=70]	오일 주유 호스	1	1	1	1	1	
L-11	GP-034903-00		Hose [φ6×φ8, L=50]	흡공급 오일 호스	1	1	1	1	1	
L-12	GP-014314-00		Felt	급유 펠트		2	2	4	4	
L-13	44-0000-1230		Oil Wick [L=220]	급유 유심	1	1	1	1	1	
L-14	GP-001708-00		Hose Holder	호스 잡이	1	2	2	3	3	
L-15	SC-0548-7400		Screw [3/16" n=28, L=8]	오일터미널 짐나사		1	1	1	1	
L-16	07-003M-7400		Felt	급유 펠트		1	1	2	2	
L-17	01-110R-1230		Rubber Cap	오일터미널 고무마개		1	1	2	2	
L-18	44-001C-1230		Hose Holder(Small)	호스 잡이(소)	5	6	6	7	7	
L-19	44-021A-7500		Oil Terminal (small)	오일 터미널(소)	1	1	1	1	1	
L-20	44-018R-7500		Oil Cap	유심 마개	1	1	1	1	1	
L-21	SC-0531-2302		Screw [9/64" n=40]	오일터미널(소) 짐나사	4	4	4	4	4	
L-22	GP-034901-00		Hose C [φ3×φ5, L=140]	연결 호스	1	1	1	1	1	
L-23	GP-034901-00		Hose C [φ3×φ5, L=230]	훅베이스(좌) 오일 호스	1	1	1	1	1	
L-24	GP-034901-00		Hose C [φ3×φ5, L=180]	훅베이스(우) 오일 호스	1	1	1	1	1	
L-25	GP-034901-00		Hose C [φ3×φ5, L=220]	면판부 오일 호스		1	1	1	1	
L-26	GP-034901-00		Hose C [φ3×φ5, L=220]	바늘대프레임 오일 호스				1	1	
L-27	44-0000-1230		Oil Wick [L=150]	급유 유심	1	1	1	1	1	
L-28	44-0000-1230		Oil Wick [L=260]	훅베이스(좌) 급유 유심	4	4	4	4	4	
L-29	44-0000-1230		Oil Wick [L=210]	훅베이스(우) 급유 유심	2	2	2	2	2	
L-30	44-0000-1230		Oil Wick [L=260]	면판부 급유 유심		1	1	1	1	
L-31	44-0000-1230		Oil Wick [L=260]	바늘대프레임 급유 유심				1	1	
L-32	44-134C-5700		Nipple	훅받침 니플	2	2	2	2	2	
L-33	44-111C-7400		Oil Hose Holder	호스 잡이	2	2	2	2	2	
L-34	44-133C-5607		Oil Shield Plate	유방판	1	1	1			
L-35	44-033C-7500		Oil Shield Plate	유방판(각봉)				1	1	
L-36	44-016M-7400		Oil Felt for Thread Take-up Lever	실채기 급유 펠트	1	1	1	1	1	
L-37	GP-009931-00		Oil Cover Holder	기름막이 누름판(C)	1	1	1	1	1	
L-38	06-024S-7400		Screw [3/16" n=32]	유방판 고정나사	1	1	1	1	1	
L-39	GP-011810-00		Oil Cover	오일커버	1	1	1	1	1	
L-40	SC-0151-5050		Screw [15/64" n=28, L=10.5]	오일커버 고정나사	3	3	3	3	3	
L-41	06-033M-7400		Felt	절환기 펠트	3	3	3	3	3	
L-42	08037SC-120D		Screw [M6, L=8]	수평밀대 마개나사	1	1	1	1	1	
L-43	44-0000-1230		Oil Wick [L=360]	수평밀대 급유 유심	1	1	1	1	1	
L-44	44-0000-1230		Oil Wick [L=100]	톱니받침편심축 급유 유심	1	1	1	1	1	
L-45	44-0000-1230		Oil Wick [L=100]	절환기 유심	2	2	2	2	2	
L-46	44-111C-2070		Felt	절환기 펠트	1	1	1	1	1	
L-47	44-058C-5607		Oil Wick Holder	절환기 유심잡이	1	1	1	1	1	
L-48	SC-0549-2302		Screw [1/8" n=44]	절환기 유심잡이 고정나사	2	2	2	2	2	
L-49	44-019M-7400		Felt	하측보싱 급유 펠트	2	2	2	2	2	
L-50	01-007R-8130		Rubber Cap	고무 마개(Hole)	1	1	1	1	1	
L-51	44-094R-7500		Oil Adjusting Tube	유량 조절 고무	2	2	2	2	2	
L-52	SC-000665-00		Oil Adjusting Screw [3/16" n=32]	하측 오일 조절나사	2	2	2	2	2	
L-53	GP-018472-00		Spring for Oil Adjusting Screw	하측 오일 조절나사 스프링	2	2	2	2	2	
L-54	GP-014849-00		Gasket for Hook Base Cover	훅받침 커버가스켓	2	2	2	2	2	
L-55	GP-014850-00		Hook Base Cover	훅받침 커버	2	2	2	2	2	
L-56	SC-0158-3710		Screw [9/64" n=40]	커버 고정나사	8	8	8	8	8	



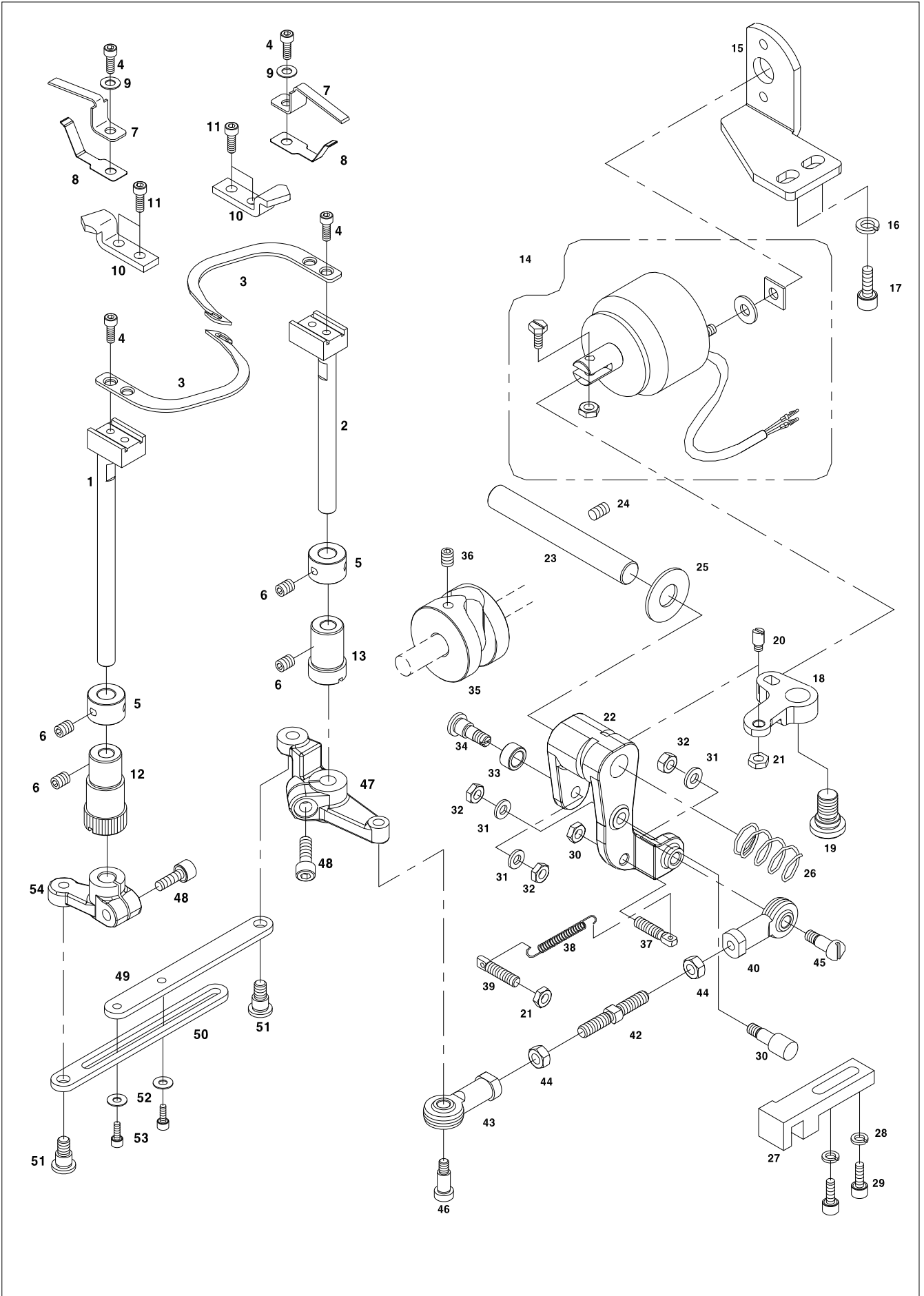
Lubrication Mechanism

급유 관계



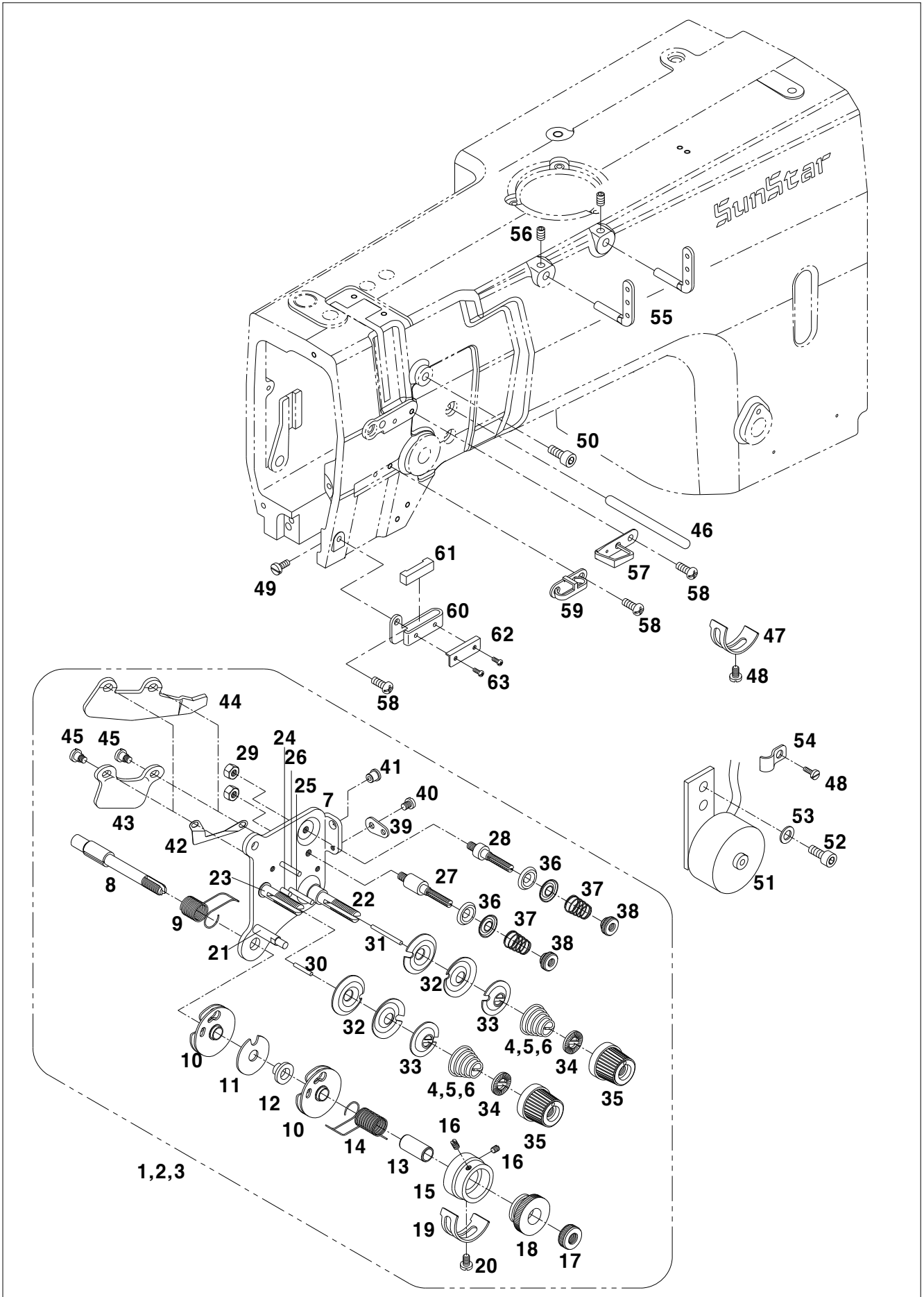


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
L-60	04-003R-1600		Rubber Cap	고무 마개	1	1	1	1	1	
L-61	GP-018005-00		Hook Gear Cover(Left)	훅기어커버(좌)	1	1	1	1	1	
L-62	GP-018006-00		Hook Gear Cover(Right)	훅기어커버(우)	1	1	1	1	1	
L-63	44-007C-106L		Oil Hose Nipple	호스 니플	1	1	1	1	1	
L-64	GP-034901-00		Hose C [φ3×φ5, L=150]	연결 호스	1	1	1	1	1	
L-65	GP-018417-00		Nipple(M5)	오일 니플	2	2	2	2	2	
L-66	GP-018081-00		Oil Regulator Block	오일조절기/블록	1	1	1	1	1	
L-67	GP-015788-00		Oil Regulator	오일조절기	1	1	1	1	1	
L-68	SC-000040-00		Screw [M4×L16]	오일조절기 블록 고정나사	1	1	1	1	1	
L-69	02028SW-9115		Spring Washer	스프링와셔	1	1	1	1	1	
L-70	40-004W-1600		Washer	와셔	1	1	1	1	1	
L-71	44-129M-5700		Face Plate Felt	면판 펠트	1	1	1	1	1	
L-72	44-130G-5700		Face Plate Felt Holder	면판 펠트 잡이	1	1	1	1	1	
L-73	44S007S-306H		Oil Return Felt	환류 오일 펠트	1	1	1	1	1	
L-74	44S008S-306H		Arm Oil Return Felt	암 환류 펠트	1	1	1	1	1	
L-75	GP-034903-00		Oil Hose for Arm Oil Return Felt	암 환류 펠트 오일 호스	1	1	1	1	1	
L-76	44-008C-120H		Oil Hose Holder	오일 호스 잡이	1	1	1	1	1	
L-77	SC-0531-2302		Screw	오일 호스잡이 나사	1	1	1	1	1	





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Applied Period
					1750			1790		
					SF	MG	MBL	MG	MBL	
M-1	ST-000190-00		Moving Knife Shaft(L)	동메스축(좌)		1	1	1	1	Aug.31.09
	10-201A-7507		Moving Knife Shaft(L)	동메스축(좌)		1	1	1	1	
M-2	ST-000189-00		Moving Knife Shaft(R)	동메스축(우)		1	1	1	1	Aug.31.09
	10-301A-7507		Moving Knife Shaft(R)	동메스축(우)		1	1	1	1	
M-3	GP-012112-02		Moving Knife	동메스(2122707-553A)		2	2	2	2	Aug.31.09
M-4	SC-A154-4114		Screw [11/64" n=40]	동메스 고정나사		6	6	6	6	
M-5	10-004A-7507		Moving Knife Shaft Collar	동메스축 카라		2	2	2	2	
M-6	SC-0105-7500		Screw [M4]	육각구멍볼이 멈춤나사(M4)		4	4	4	4	
M-7	10-106A-7507		Thread Catcher	밀실 잡이		2	2	2	2	
M-8	GP-012111-00		Fixed Knife	고정메스(2122707-556A)		2	2	2	2	
M-9	10-010W-7507		Washer For Moving Knife Tension Adjusting	동메스 장력 조절 와셔		2	2	2	2	
M-10	10-011A-7507		Moving Knife Bracket	동메스 브라켓		2	2	2	2	
M-11	SC-0211-7500		Screw [M4×0.7]	동메스브라켓 고정나사		4	4	4	4	
M-12	10-151A-7507		Moving Knife Shaft Bushing(L)	동메스 축 붓싱(좌)		1	1	1	1	
M-13	10-140A-7507		Moving Knife Shaft Bushing(R)	동메스 축 붓싱(우)		1	1	1	1	
M-14	STT260-00001		Thread Trimming Solenoid Ass'y	사절 솔레노이드(조)		1	1	1	1	
M-15	GP-037285-00		Bracket For Solenoid Ass'y	사절 솔레노이드 브라켓		1	1	1	1	
M-16	01-020W-2350		Spring Washer	스프링 와셔(φ6)		4	4	4	4	
M-17	SC-0109-2350		Screw [M6]	역진 솔레노이드 브라켓 짐나사		2	2	2	2	
M-18	10-554A-7507		Clutch Lever	클러치 레버		1	1	1	1	
M-19	10-053S-7507		Stud Screw For Clutch Lever	클러치 레버 단나사		1	1	1	1	
M-20	10-551S-7507		Screw For Clutch Lever Pin	클러치 레버 핀나사		1	1	1	1	
M-21	SN-0101-7400		Nut [11/64" n=40]	너트		1	1	1	1	
M-22	10-115A-7507		Thread Trimming Rock Link	사절 요동 링크		1	1	1	1	
M-23	10-013A-7507		Thread Trimming Rock Link Shaft	사절 요동 링크축		1	1	1	1	
M-24	10-017S-8577		Screw [M5×0.8]	사절 요동 링크축 고정나사		1	1	1	1	
M-25	10-044R-5607		Cushion Rubber	쿠션 고무(B)		1	1	1	1	
M-26	41-288G-7500		Return Spring For Stopper Pin	스토퍼 핀 복귀 스프링		1	1	1	1	
M-27	10-129A-7507		Holder For Stopper Pin	사절 캡 운동핀 홀더		1	1	1	1	
M-28	01-020W-2350		Spring Washer	스프링 와셔(φ6)		4	4	4	4	
M-29	SC-0108-2350		Screw [M6]	사절 캡 운동핀 홀더 고정 나사		2	2	2	2	
M-30	10-050S-8577		Screw For Stopper Pin	스토퍼 핀나사		1	1	1	1	
M-31	07-011W-1230		Washer For Stopper Pin	와셔			3	3	3	
M-32	10-033C-7507		Nut [3/16"n=32]	너트		4	4	4	4	
M-33	10-166A-7507		Roller For Thread Trimming Cam	사절 캡 로울러		1	1	1	1	
M-34	10-067S-7507		Stud Screw For Thread Trimming Cam Roller	사절 캡 로울러 단나사		1	1	1	1	
M-35	GP-012621-01		Thread Trimming Cam	사절 캡		1	1	1	1	
M-36	SC-A308-4517		Screw [1/4" n=40]	사절 캡 고정나사(1/4" n=40)		3	3	3	3	
M-37	06-040S-1600		Adjusting Screw For Return Spring	스프링 걸이 축나사		1	1	1	1	
M-38	10-021G-7507		Thread Trimming Return Spring	사절 리턴 스프링		1	1	1	1	
M-39	10-019S-7507		Return Spring Hook	리턴 스프링 걸이 축나사		1	1	1	1	
M-40	10-220A-8577		Rod End Bearing(R)	롯데 앤드(우)		1	1	1	1	
M-42	10-034A-7507		Joint Connection Stud (1/16"~1 1/2 ")	볼 조인트 연결봉(1/16"~1 1/2 ")		1	1	1	1	
M-43	10-221A-8577		Rod End Bearing(L)	롯데 앤드(좌)		1	1	1	1	
M-44	10-036C-7507		Nut(L) [M5×0.8]	볼 조인트 짐너트(좌나사)		2	2	2	2	
M-45	10-034S-7507		Stud Screw For Rod End Bearing(R)	롯데 앤드(우) 단나사		1	1	1	1	
M-46	10-024S-8677		Stud Screw For Rod End Bearing(L)	롯데 앤드(좌) 단나사		1	1	1	1	
M-47	10-038A-7507		Moving Knife Shaft Crank(R)	동메스 축 크랭크(우)		1	1	1	1	
M-48	SC-0162-5607		Screw [M5×0.8]	동메스 축 크랭크 짐나사		2	2	2	2	
M-49	10-144A-7507		Moving Knife Shaft Connection Rod(R)	동메스 축 연결 롯데(우)		1	1	1	1	
M-50	10-145A-7507		Moving Knife Shaft Connection Rod(L)	동메스 축 연결 롯데(좌)		1	1	1	1	
M-51	10-046S-7507		Hinge Screw	동메스 축 연결 롯데 힌지나사		2	2	2	2	
M-52	10-020W-2700		Washer	스토퍼 짐와셔		2	2	2	2	
M-53	SC-0332-7500		Screw [M5×0.8]	육각보울트(M5×0.8)		2	2	2	2	
M-54	10-149A-7507		Moving Knife Shaft Crank(L)	동메스 축 크랭크(좌)		1	1	1	1	





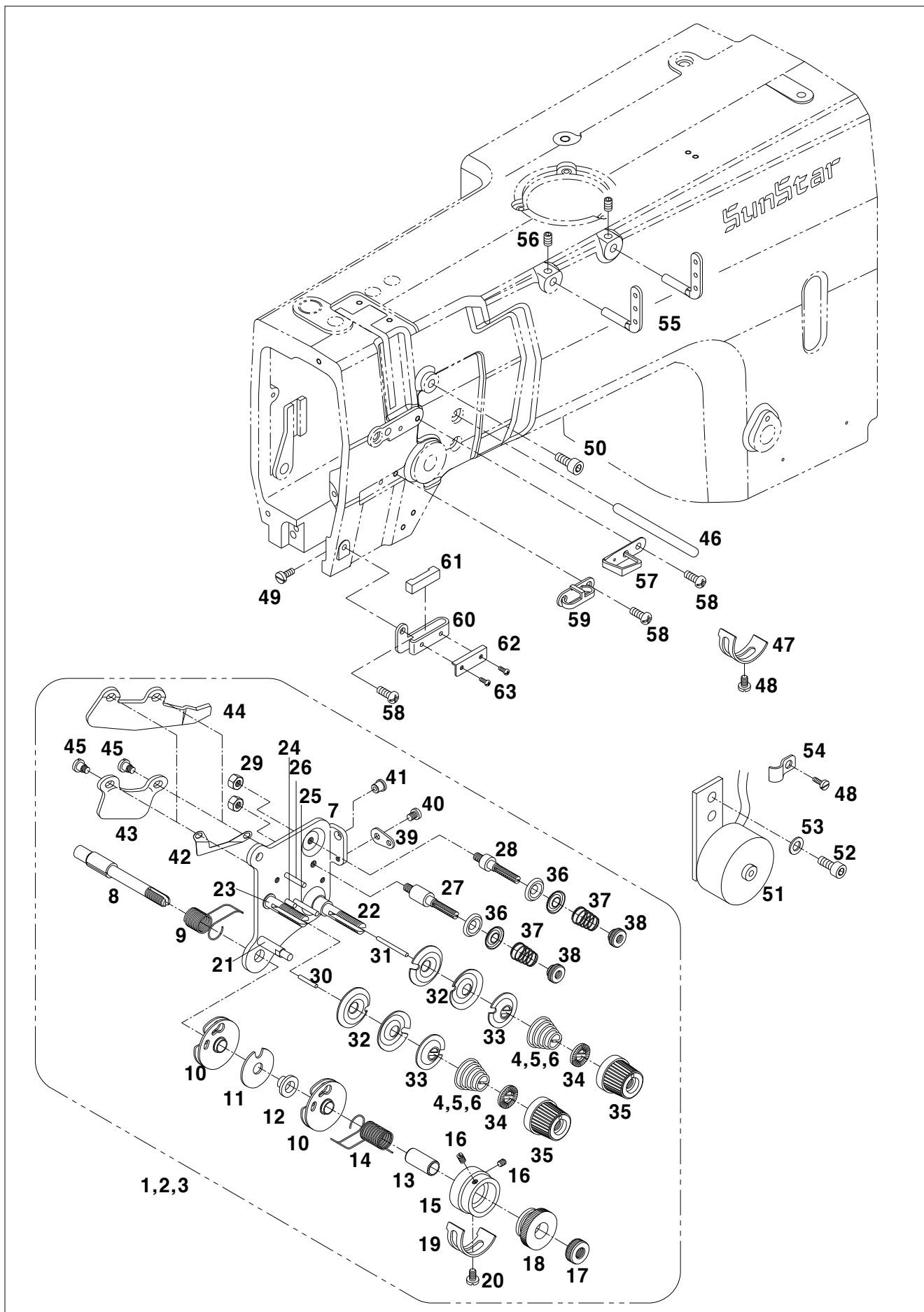
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
N-1	AS-004113-00		Thread Tension Control Ass'y(Foundation)	실조절 장치(조)-박물용	1					
N-2	AS-004114-00		Thread Tension Control Ass'y(General)	실조절 장치(조)-일반용		1		1		
N-3	AS-004115-00		Thread Tension Control Ass'y(Heavy)	실조절 장치(조)-후물용			1		1	
N-4	40-108G-2070		Thread Tension Spring(Foundation)	실장력 조절 스프링-박물용	2					
N-5	40-333G-123A		Thread Tension Spring(General)	실장력 조절 스프링-일반용		2		2		
N-6	40-333G-123B		Thread Tension Spring(Heavy)	실장력 조절 스프링-후물용			2		2	
N-7	40-127A-7500		Thread Tension Plate	실장력 판	1	1	1	1	1	
N-8	40-011P-7500		Thread Tension Stud	실장력 조절축	1	1	1	1	1	
N-9	40-111G-3800		Thread Take-up Spring(Left)	실채기 스프링(좌)	1	1	1	1	1	
N-10	40-013P-7500		Thread Take-up Spring Guide Plate	실채기 스프링 안내판	2	2	2	2	2	
N-11	40-014P-7500		Plate for Guide Plate	실채기 스프링 안내 분리판	1	1	1	1	1	
N-12	40-015P-7500		Washer for Guide Plate	실채기 스프링 안내판 와셔	2	2	2	2	2	
N-13	40-016P-7500		Collar for Guide Plate	실채기 스프링 안내판 카라	1	1	1	1	1	
N-14	40-102A-7500		Thread Take-up Spring(Right)	실채기 스프링(우)	1	1	1	1	1	
N-15	40-111A-7500		Body for Thread Take-up Spring	실채기 스프링 몸체	1	1	1	1	1	
N-16	40-110S-7500		Screw [1/8" n=44, L=4]	실채기 스프링 몸체 고정나사	2	2	2	2	2	
N-17	01-020S-7400		Nut for Thread Tension Stud	실장력 조절축 너트	1	1	1	1	1	
N-18	40-113A-7500		Adjusting Plate for Thread Take-up Spring	실채기 스프링 조정판	1	1	1	1	1	
N-19	40-019G-7500		Stopper for Thread Take-up Spring	실채기 스프링 스토퍼	1	1	1	1	1	
N-20	40-018S-7500		Screw [9/64" n=40]	실채기 스프링 스토퍼 고정나사	1	1	1	1	1	
N-21	40-117P-7500		Thread Take-up Spring Guide Shaft	실채기 스프링 안내축	1	1	1	1	1	
N-22	40-116P-7500		Stud for Thread Tension Control (Large)	실장력 조절 단나사(대)	1	1	1	1	1	
N-23	01-018P-7400		Stud for Thread Tension Control (Small)	실장력 조절 단나사(소)	1	1	1	1	1	
N-24	40-141P-7500		Pin for Tension Disk (Small)	실장력 조절접시 고정핀(소)	1	1	1	1	1	
N-25	40-142P-7500		Pin for Tension Disk (Large)	실장력 조절접시 고정핀(대)	1	1	1	1	1	
N-26	01-022P-7400		Pin for Thread Guide	실안내 핀	1	1	1	1	1	
N-27	40-120P-7500		Stud for Thread Guide (Large)	보조 실안내 단나사(대)	1	1	1	1	1	
N-28	40-122P-7500		Stud for Thread Guide (Small)	보조 실안내 단나사(소)	1	1	1	1	1	
N-29	40-128C-7500		Nut [11/64" n=40]	보조 실안내 너트	2	2	2	2	2	
N-30	40-132P-7500		Thread Release Pin (Small)	실늦추기 핀(소)	1	1	1	1	1	
N-31	40-138P-7500		Thread Release Pin (Large)	실늦추기 핀(대)	1	1	1	1	1	
N-32	01-017P-7400		Thread Tension Disk	실장력 조절접시	4	4	4	4	4	
N-33	01-017W-7400		Plate for Thread Tension Disk	실장력 조절접시 누름판	1	1	1	1	1	
N-34	40-804W-1230		Stopper for Thread Tension Spring	실장력 조절 스프링 스토퍼	2	2	2	2	2	
N-35	40-204A-2350		Control Cap for Thread Tension	헷실 장력 조절캡	1	1	1	1	1	
N-36	40-126P-7500		Sub Thread Tension Disk	보조 실장력 조절접시	4	4	4	4	4	
N-37	40-100A-75L7		Sub Thread Tension Spring	보조 실장력 스프링	2	2	2	2	2	
N-38	40-123P-7500		Sub Thread Tension Nut	보조 실장력 조절 너트	2	2	2	2	2	
N-39	40-139P-7500		Thread Guide Plate	실안내판	1	1	1	1	1	
N-40	40-140S-7500		Screw [9/64" n=40]	실안내판 고정 나사	1	1	1	1	1	
N-41			Thread Guide Bushing	실안내 부싱	1	1	1	1	1	
N-42	01-019G-7400		Thread Tension Release Spring	실늦추기 스프링	1	1	1	1	1	
N-43	40-136A-7500		Thread Tension Release Plate	실늦추기판(비사절)	1					
N-44	40-137A-7507		Thread Tension Release Plate(T/T)	실늦추기판(사절)		1	1	1	1	
N-45	01-019R-7400		Stud Screw for Thread Tension Release Plate	실늦추기판 단나사	2	2	2	2	2	
N-46	40-010A-5607		Thread Tension Release Bar	실늦추기 축	1	1	1	1	1	
N-47	01-019C-7400		Stopper for Thread Take-up Spring	실채기 스프링 스토퍼	1	1	1	1	1	
N-48	SC-0365-3710		Screw [9/64" n=40]	실채기 스프링 스토퍼 고정나사	2	2	2	2	2	
N-49	SC-0158-3710		Screw [9/64" n=40]	실장력 조절축 고정나사	1	1	1	1	1	
N-50	SC-0179-3710		Screw [11/64" n=40]	실조절장치 고정나사	1	1	1	1	1	
N-51	STR160-00001		Thread Tension Release Solenoid Ass'y	실늦추기 솔레노이드(조)		1	1	1	1	
N-52	SC-0162-5607		Screw [M5×P0.8]	솔레노이드 고정나사		2	2	2	2	
N-53	07-011W-1230		Washer	고정나사 와셔		2	2	2	2	
N-54	01-009R-2350		Cable Holder	케이블 잡이		1	1	1	1	
N-55	GP-011097-00		Thread Guide	세구멍 실걸이	2	2	2	2	2	
N-56	SC-0352-7400		Screw [3/16" n=28]	세구멍 실걸이 고정나사	2	2	2	2	2	

(조)

N

Thread Adjusting Mechanism

실 조절 관계



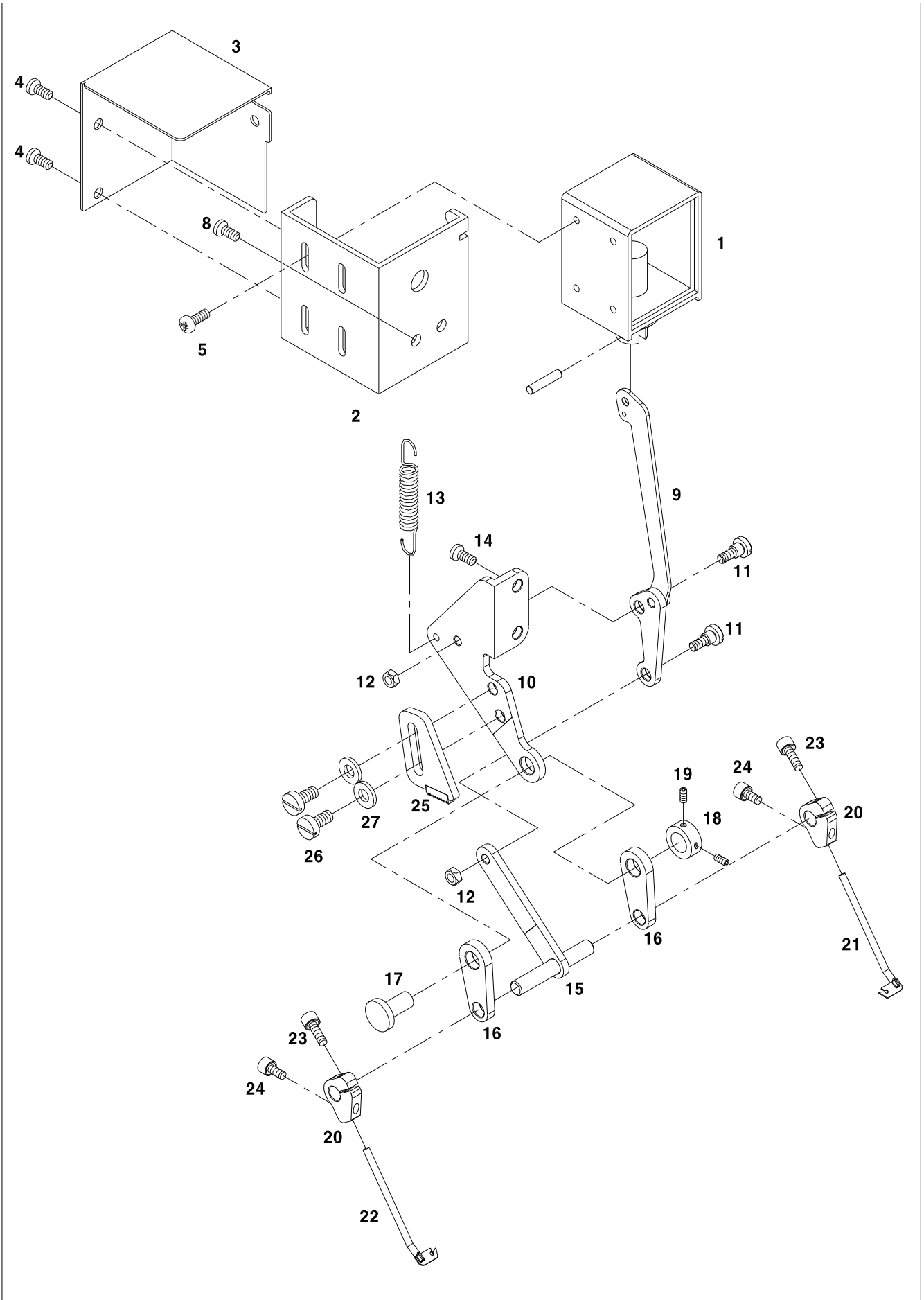


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty					Assembly No.
					1750			1790		
					SF	MG	MBL	MG	MBL	
N-57	01-018A-7500		Arm Thread Guide(Upper)	아암 실안내(상)	1	1	1	1	1	
N-58	SC-0519-2302		Screw [9/64" n=40]	실안내 고정나사	3	3	3	3	3	
N-59	01-020A-7500		Arm Thread Guide(Middle)	아암 실안내(중)	1	1	1	1	1	
N-60	01-022A-7500		Arm Thread Guide(Lower)	아암 실안내(하)	1	1	1	1	1	
N-61	44-024M-7500		Felt for Upper Thread	윗실 급유 펠트	1	1	1	1	1	
N-62	01-024A-7500		Felt Holder for Upper Thread	윗실 급유 펠트잡이	1	1	1	1	1	
N-63	SC-0536-7500		Screw [3/32" n=56]	펠트잡이 침나사	2	2	2	2	2	



Wiper Mechanism

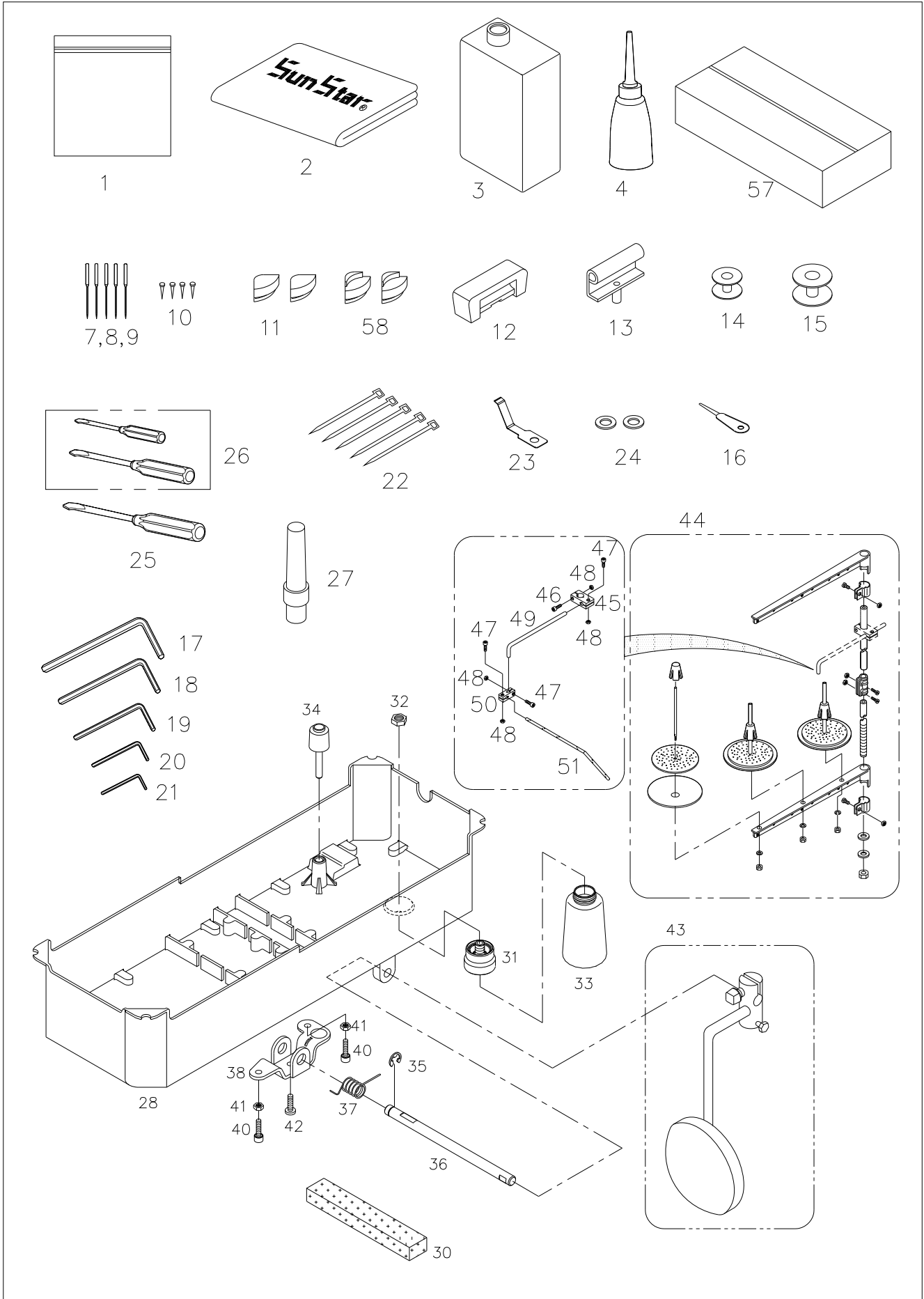
와이퍼 관계



P

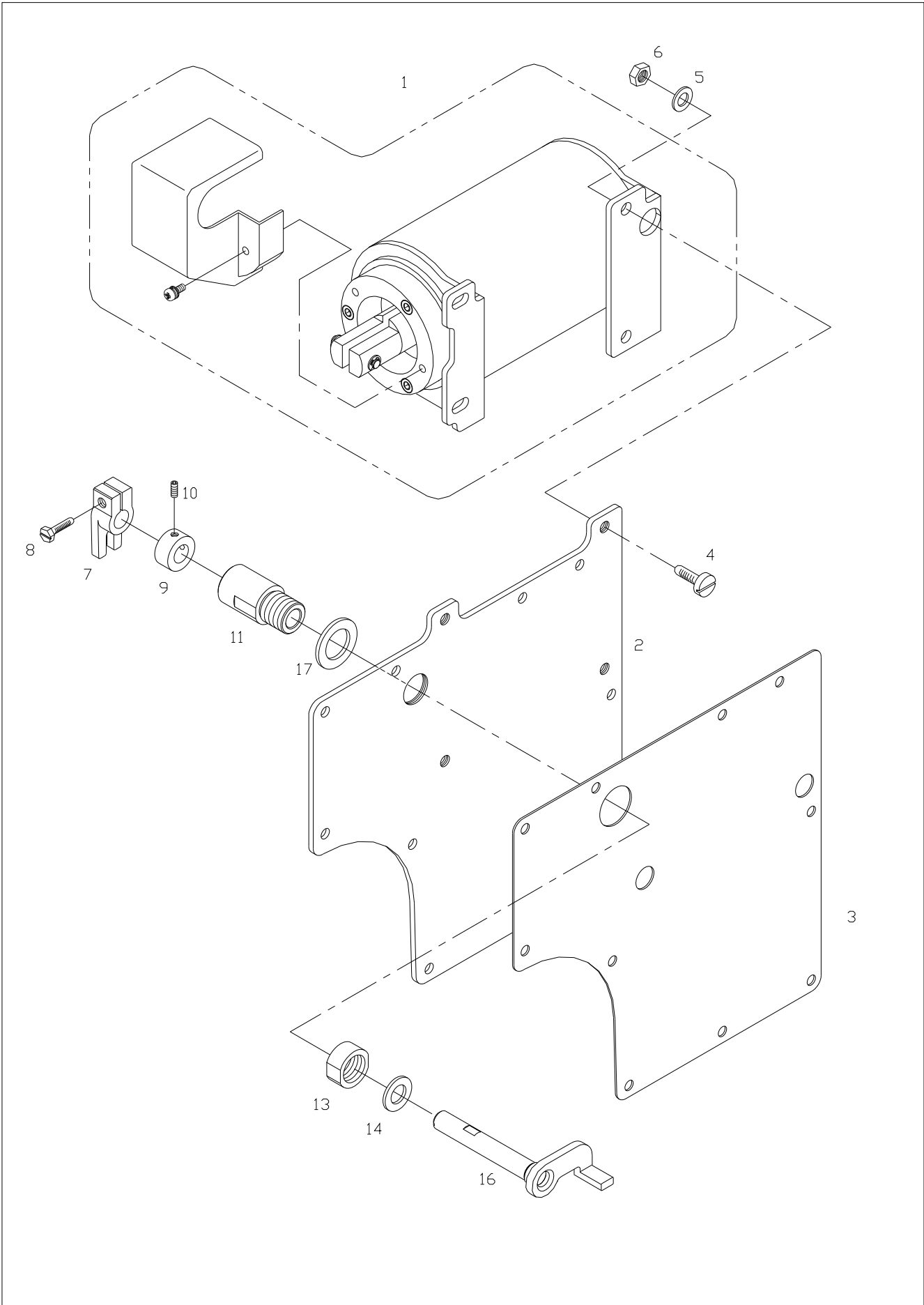
Accessories Mechanism

액세서리 관계





Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty					Applied Period
					1750			1790		
					SF	MG	MBL	MG	MBL	
P-1	91-001C-1230		Accessory Bag	액세서리 봉투	1	1	1	1	1	
P-2	91-108M-640L		Head Cover	미싱커버	1	1	1	1	1	
P-3	91-008C-1230		Oil Tank	오일 탱크	1	1	1	1	1	
P-4	91-011C-1230		Oiler	오일 주유통	1	1	1	1	1	
P-7	-		Needle (DP5×11)	바늘(박물용)	5	
P-8	-		Needle (DP5×16)	바늘(일반용)	.	5	.	5	.	
P-9	-		Needle (DP5×22)	바늘(후물용)	.	.	5	.	5	
P-10			Nail	못	16	16	16	16	16	
P-11	GP-018497-00		Bed Support Rubber(A)	베드받침 고무A	2	2	2	2	2	
P-13	GP-002000-00		Rubber Cushion for Hinge	힌지 고무	2	2	2	2	2	
P-14	GP-020482-00		Bed Hinge	힌지쇠	2	2	2	2	2	
P-16	07-160A-7500		Bobbin	보빈	4	4	.	4	.	
P-17	07-161A-750L		Bobbin-Large Hook	보빈-2배축	.	.	4	.	4	
P-18	91-007C-7400		Needle Thread Inserting Guide	실 끼우기	1	1	1	1	1	
P-19	91-002C-2700		L Wrench(5mm)	L 렌치(3mm)	1	1	1	1	1	
P-20	91-001C-3800		L Wrench(4mm)	L 렌치(2mm)	1	1	1	1	1	
P-21	91-003C-2700		L Wrench(3mm)	L 렌치(3mm)	1	1	1	1	1	
P-22	91-004C-2700		L Wrench(2.5mm)	L 렌치(2.5mm)	1	1	1	1	1	
P-23	91-001C-2700		L Wrench(2mm)	L 렌치(2mm)	1	1	1	1	1	
P-24	02-003A-2700		Clip	나이프 클립	5	5	5	5	5	
P-25	GP-012111-00		Fixed Mes	고정메스	1	1	1	1	1	
P-26	10-010W-7507		Washer for Moving Mes Tension Adujsting	동메스 장력조절 와셔	4	4	4	4	4	
P-27	91-102C-1230		Driver(Large)	드라이버(大)	1	1	1	1	1	
P-28	91-103C-1230		Driver(Middle, Small)	드라이버(中, 小)	1	1	1	1	1	
P-29	91-012C-1230		Head Rest	미싱 받침대	1	1	1	1	1	
P-30	GP-011206-03		Oil Pan	오일팬	1	1	1	1	1	Oct.09.09
P-34	GP-012109-00		Knee Lifting Bar Support Cap	무릎올림봉받침캡	1	1	1	1	1	
P-35	43-009C-1600		E-Ring[φ9]	제어체축 E링	1	1	1	1	1	
P-36	43-040A-5770		Knee Lifting Controller Shaft	제어체축	1	1	1	1	1	
P-37	43-044G-5700		Return Spring for Knee Lifting Controller	제어체 복귀 스프링	1	1	1	1	1	
P-38	43-007A-1600		Knee Lifting Controller	제어체	1	1	1	1	1	
P-40	SC-0546-1230		Screw [15/64" n=28]	제어체 작동량 조절나사B	2	2	2	2	2	
P-41	SN-0105-3400		Nut [15/64" n=28]	제어체 작동량 조절나사 너트	2	2	2	2	2	
P-42	SC-0106-7400		Screw [15/64" n=28]	제어체 고정나사	1	1	1	1	1	
P-43	43-031A-2070		Knee Lifting Pad Ass'y	무릎올림(조)	1	1	1	1	1	
P-44	91-008A-7400		Thread Stand Ass'y	3분 실패꽃이 (組)	1	1	1	1	1	
P-45	GP-001517-00		Holder for Thread Guide Sub-Bar	실 보조가이드 잡이	1	1	1	1	1	
P-46	SC-000168-00		Screw [M4×P0.7, L=20]	실 보조가이드 잡이 고정나사A	1	1	1	1	1	
P-47	07016SC-7113		Screw [M4×P0.7, L=12]	실 보조가이드 잡이 고정나사B	3	3	3	3	3	
P-48	SN-000026-00		Nut [M4×P0.7]	실 보조가이드 잡이 고정너트	4	4	4	4	4	
P-49	GP-001514-00		Thread Guide Sub-Bar	실 보조가이드	1	1	1	1	1	
P-50	GP-001516-00		Holder for Thread Guide Bar	실 가이드 잡이	1	1	1	1	1	
P-51	GP-001515-00		Thread Guide Bar	실 가이드	1	1	1	1	1	
P-53	44-168M-5700		Oil Pan Filler B	오일팬 필터 B	1	1	1	1	1	
P-54	GP-019646-00		Connector of Oiler	오일통 컨넥터	1	1	1	1	1	
P-55	SN-000099-00		Nut M10×P=1.5	오일통 컨넥터 고정너트	1	1	1	1	1	
P-56	91-002C7400		Oiler	오일통	1	1	1	1	1	
P-57	GP-022013-00		Inner Box	인너박스	1	1	1	1	1	
P-58	GP-045188-01		Bed Support Rubber A	베드받침고무A	2	2	2	2	2	Nov.09.09





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					1750			1790		
					SF	MG	MBL	MG	MBL	
Q-1	SL-000068-00		Auto Knee Lifter Solenoid Ass'y	자동무릎올림 솔레노이드(조)	1	1	1	1	1	
Q-2	GP-018315-00		Back Cover for Auto Knee Lifter	뒷뚜껑-AK	1	1	1	1	1	
Q-3	GP-021167-00		Rear Cover Gasket	뒷뚜껑-AK 가스켓	1	1	1	1	1	
Q-4	SC-0183-2700		Screw [15/64" n=28]	자동무릎올림 솔레노이드 부착나사	4	4	4	4	4	
Q-5	06-051W-7400		Washer	자동무릎올림 솔레노이드 와셔	4	4	4	4	4	
Q-6	SN-0121-4000		Nut [15/64" n=28]	자동무릎올림 솔레노이드 너트	4	4	4	4	4	
Q-7	GP-023209-00		Knee Lifter Connection Crank	자동무릎올림 연결링크	1	1	1	1	1	
Q-8	SC-0497-1230		Screw [3/16" n=28]	자동무릎올림 연결링크 짐나사	1	1	1	1	1	
Q-9	43-121A-257A		Collar for Auto Knee Lifter Shaft	자동무릎올림축 카라	1	1	1	1	1	
Q-10	SC-0512-1230		Screw [11/64" n=40]	자동무릎올림축 카라 고정나사	2	2	2	2	2	
Q-11	GP-018316-00		Auto Knee Lifter Shaft Bushing	자동무릎올림축 붓싱	1	1	1	1	1	
Q-13	43-017C-257A		Nut for Auto Knee Lifter Shaft	자동무릎올림축 너트	1	1	1	1	1	
Q-14	06-021W-7400		Washer for Auto Knee Lifter Shaft	자동무릎올림축 와셔	1	1	1	1	1	
Q-16	AS-004842-00		Auto Knee Lifter Shaft Ass'y	자동무릎올림축(조)	1	1	1	1	1	
Q-17	10-020W-2700		Washer	스토퍼 짐 와셔	3	3	3	3	3	

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SC-0110-1230	Screw [15/64" n=28]	7	A-30	SC-0512-1230	Screw [11/64" n=40]	45	Q-10	ST-000189-00	Moving Knife Shaft(R)	35	M-2
SC-0113-3400	Screw [11/64" n=40]	19	F-22	SC-0514-7400	Screw [15/64" n=40]	9	B-39	ST-000190-00	Moving Knife Shaft(L)	35	M-1
SC-0116-7400	Screw [3/32" n=56]	11	C-11	SC-0519-2302	Screw [9/64" n=40]	17	E-33	STR160-00001	Thread Tension Release Solenoid Ass'y	37	N-51
SC-0119-7600	Screw [11/64" n=40]	7	A-28	SC-0519-2302	Screw [9/64" n=40]	39	N-58	STT260-00001	Thread Trimming Solenoid Ass'y	35	M-14
SC-0120-1230	Screw [9/64" n=40]	9	B-38	SC-0523-1230	Screw [3/16" n=28, L=10]	21	G-40	SWP240-00001	Wiper Solenoid	41	O-1
SC-0122-1230	Screw [15/64" n=28]	7	A-52	SC-0523-1230	Screw [3/16" n=28, L=11]	31	L-7	WS-000073-00	Washer	17	E-36
SC-0123-1230	Screw (A) [9/32" n=28, L=16]	9	B-4	SC-0531-2302	Screw	29	K-49	WS-000117-00	Washer	13	C-72
SC-0124-7400	Screw (B) [9/32" n=28, L=16]	9	B-5	SC-0531-2302	Screw	33	L-77	WS-000119-00	Washer	23	H-10
SC-0126-3800	Screw [3/32" n=56]	25	I-26	SC-0531-2302	Screw [9/64" n=40]	7	A-17		Caution Label	7	A-43
SC-0129-7400	Screw [1/4" n=40]	23	H-6	SC-0531-2302	Screw [9/64" n=40]	13	C-64		Nail	43	P-10
SC-0130-1230	Screw [1/8" n=40]	17	E-12	SC-0531-2302	Screw [9/64" n=40]	25	I-24		Needle	11	C-23
SC-0132-7500	Screw [M3x0.5]	41	O-5	SC-0531-2302	Screw [9/64" n=40]	31	L-21		Needle (DP5x11)	43	P-7
SC-0132-7500	Screw [M3x0.5]	41	O-24	SC-0531-2302	Screw [9/64" n=40]	41	O-4		Needle (DP5x16)	43	P-8
SC-0151-5050	Screw [15/64" n=28, L=10.5]	11	C-5	SC-0536-7500	Screw [3/32" n=56]	39	N-63		Needle (DP5x22)	43	P-9
SC-0151-5050	Screw [15/64" n=28, L=10.5]	31	L-40	SC-0543-2302	Screw [11/64" n=40]	7	A-32		Thread Guide Bushing	37	N-41
SC-0155-7400	Screw [9/64" n=40]	27	J-16	SC-0543-2302	Screw [11/64" n=40]	15	D-20				
SC-0158-3710	Screw [9/64" n=40]	7	A-11	SC-0543-2302	Screw [11/64" n=40]	23	H-24				
SC-0158-3710	Screw [9/64" n=40]	11	C-15	SC-0543-2302	Screw [11/64" n=40]	25	I-28				
SC-0158-3710	Screw [9/64" n=40]	19	F-16	SC-0543-2302	Screw [11/64" n=40]	41	O-8				
SC-0158-3710	Screw [9/64" n=40]	31	L-56	SC-0543-2302	Screw(11/64" n=40)	21	G-21				
SC-0158-3710	Screw [9/64" n=40]	37	N-49	SC-0546-1230	Screw [15/64" n=28]	43	P-40				
SC-0160-5607	Screw [9/64" n=40]	11	C-22	SC-0548-7400	Screw [3/16" n=28, L=11]	7	A-18				
SC-0162-5607	Screw [M5x0.8]	35	M-48	SC-0548-7400	Screw [3/16" n=28, L=11]	11	C-4				
SC-0162-5607	Screw [M5xP0.8]	37	N-52	SC-0548-7400	Screw [3/16" n=28, L=8]	21	G-41				
SC-0164-2700	Screw [M5, L=5]	11	C-8	SC-0548-7400	Screw [3/16" n=28, L=8]	31	L-15				
SC-0164-2700	Screw [M5]	19	F-14	SC-0548-7400	Screw [3/16" n=28]	9	B-31				